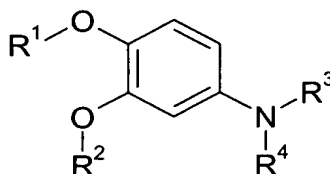


This listing of claims will replace all prior versions, and listings, of claims in the application:

**Listing of Claims:**

1. (Cancelled):
2. (Currently Amended): A compound according to Formula I:



wherein

R<sup>1</sup> is H or alkyl having 1 to 4 carbon atoms, which is branched or unbranched and which is unsubstituted or substituted one or more times by halogen;

R<sup>2</sup> is alkyl having 1 to 12 carbon atoms, which is branched or unbranched and which is unsubstituted or substituted one or more times by halogen, hydroxy, cyano, C<sub>1-4</sub>-alkoxy, oxo or combinations thereof, and wherein optionally one or more -CH<sub>2</sub>CH<sub>2</sub>- groups is replaced in each case by -CH=CH- or -C≡C-,

cycloalkyl having 3 to 10 carbon atoms, which is unsubstituted or substituted one or more times by halogen, hydroxy, oxo, cyano, alkyl having 1 to 4 carbon atoms, alkoxy having 1 to 4 carbon atoms, or combinations thereof,

cycloalkylalkyl having 4 to 16 carbon atoms, which is unsubstituted or substituted in the cycloalkyl portion and/or the alkyl portion one or more times by halogen, oxo, cyano, hydroxy, C<sub>1-4</sub>-alkyl, C<sub>1-4</sub>-alkoxy or combinations thereof,

aryl having 6 to 14 carbon atoms, which is unsubstituted or substituted one or more times by halogen, CF<sub>3</sub>, OCF<sub>3</sub>, alkyl having 1 to 12 carbon atoms, hydroxy, alkoxy having 1 to 12 carbon atoms, nitro, methylenedioxy, ethylenedioxy, cyano, or combinations thereof,

arylalkyl in which the aryl portion has 6 to 14 carbon atoms and the alkyl portion, which is branched or unbranched, has 1 to 5 carbon atoms, which the arylalkyl radical is unsubstituted or is substituted in the aryl portion one or more times by halogen, CF<sub>3</sub>, OCF<sub>3</sub>, alkyl having 1 to 12 carbon atoms, hydroxy, alkoxy having 1 to 12 carbon atoms, nitro, cyano, methylenedioxy, ethylenedioxy, or combinations thereof, and wherein in the alkyl portion one or more -CH<sub>2</sub>CH<sub>2</sub>- groups are each optionally replaced by -CH=CH- or -C≡C-, and one or more -CH<sub>2</sub>- groups are each optionally replaced by -O- or -NH- and/or the alkyl portion is optionally substituted by halogen, oxo, hydroxy, cyano, or combinations thereof,

a partially unsaturated carbocyclic group having 5 to 14 carbon atoms, which is unsubstituted or substituted one or more times by halogen, alkyl having 1 to 12 carbon atoms, alkoxy having 1 to 12 carbon atoms, hydroxy, nitro, cyano, oxo, or combinations thereof,

a heterocyclic group, which is saturated, partially saturated or unsaturated, having 5 to 10 ring atoms in which at least 1 ring atom is a N, O or S atom, which is unsubstituted or substituted one or more times by halogen, hydroxy, aryl, alkyl having 1 to 12 carbon atoms, alkoxy having 1 to 12 carbon atoms, cyano, trifluoromethyl, nitro, oxo, or combinations thereof, or

a heterocycle-alkyl group, wherein the heterocyclic portion is saturated, partially saturated or unsaturated, and has 5 to 10 ring atoms in which at least 1 ring atom is a N, O or S atom, and the alkyl portion is branched or unbranched and has 1 to 5 carbon atoms, the heterocycle-alkyl group is unsubstituted or substituted one or more times in the heterocyclic portion by halogen, OCF<sub>3</sub>, hydroxy, aryl, alkyl having 1 to 12 carbon atoms, alkoxy having 1 to 12 carbon atoms, cyano, trifluoromethyl, nitro, oxo, or combinations thereof, wherein in the alkyl portion one or more -CH<sub>2</sub>CH<sub>2</sub>- groups are each optionally replaced by -CH=CH- or -C≡C-, and one or more -CH<sub>2</sub>- groups are each optionally replaced by -O- or -NH- and/or the alkyl portion is optionally substituted by halogen, oxo, hydroxy, cyano, or combinations thereof;

R<sup>3</sup> is H,

alkyl having 1 to 8, ~~preferably 1 to 4 carbon atoms~~, which is branched or unbranched and which is unsubstituted or substituted one or more times with halogen, cyano, C<sub>1-4</sub>-alkoxy, or combinations thereof,

a partially unsaturated carbocycle-alkyl group wherein the carbocyclic portion has 5 to 14 carbon atoms and the alkyl portion which is branched or unbranched has 1 to 5 carbon atoms, and which is unsubstituted or substituted in the carbocyclic portion one or more times by halogen, alkyl having 1 to 12 carbon atoms, alkoxy having 1 to 12 carbon atoms, nitro, cyano, oxo, or combinations thereof, and the alkyl portion is optionally substituted by halogen, C<sub>1-4</sub>-alkoxy, cyano or combinations thereof,

arylalkyl having 7 to 19 carbon atoms, wherein the aryl portion has 6 to 14 carbon atoms and the alkyl portion, which is branched or unbranched, has 1 to 5 carbon atoms, arylalkyl radical is unsubstituted or substituted, in the aryl portion, one or more times by halogen, trifluoromethyl, CF<sub>3</sub>O, nitro, amino, alkyl having 1 to 12 carbon atoms, alkoxy having 1 to 12 carbon atoms, alkylamino wherein the alkyl group has 1 to 12 carbon atoms, dialkylamino wherein each alkyl group has 1 to 12 carbon atoms and/or substituted in the alkyl portion by halogen, cyano, or methyl, or

heteroarylalkyl group, wherein the heteroaryl portion may be partially or fully saturated and has 5 to 10 ring atoms in which at least 1 ring atom is a N, O or S atom, the alkyl portion, which is branched or unbranched, has 1 to 5 carbon atoms, the heteroarylalkyl group is unsubstituted or substituted one or more times in the heteroaryl portion by halogen, alkyl having 1 to 12 carbon atoms, alkoxy having 1 to 12 carbon atoms, cyano, trifluoromethyl, CF<sub>3</sub>O, nitro, oxo, amino, alkylamino wherein the alkyl

group has 1 to 12 carbon atoms, dialkylamino wherein each alkyl group has 1 to 12 carbon atoms, or combinations thereof and/or substituted in the alkyl portion by halogen, cyano, or methyl or combinations thereof; and

R<sup>4</sup> is cycloalkyl having 3 to 10 carbon atoms, which is unsubstituted or substituted one or more times by halogen, hydroxy, oxo, cyano, alkyl having 1 to 4 carbon atoms, alkoxy having 1 to 4 carbon atoms, or combinations thereof [[,]];

R<sup>5</sup>— is H,

~~alkyl having 1 to 8 carbon atoms, which is unsubstituted or substituted one or more times with halogen, C<sub>1-4</sub>-alkyl, C<sub>1-4</sub>-alkoxy, oxo, or combinations thereof,~~

~~alkylamino or dialkylamino wherein each alkyl portion has independently 1 to 8 carbon atoms,~~

~~a partially unsaturated carbocycle-alkyl group wherein the carbocyclic portion has 5 to 14 carbon atoms and the alkyl portion has 1 to 5 carbon atoms, which is unsubstituted or substituted, preferably in the carbocyclic portion, one or more times by halogen, alkyl, nitro, cyano, oxo, or combinations thereof,~~

~~cycloalkyl having 3 to 10 carbon atoms, which is unsubstituted or substituted one or more times by halogen, hydroxy, oxo, cyano, alkoxy, alkyl having 1 to 4 carbon atoms, or combinations thereof,~~

~~cycloalkylalkyl having 4 to 16 carbon atoms, which is unsubstituted or substituted in the cycloalkyl portion and/or the alkyl portion one or more times by halogen, oxo, cyano, hydroxy, alkyl, alkoxy or combinations thereof,~~

~~aryl having 6 to 14 carbon atoms and which is unsubstituted or substituted one or more times by halogen, alkyl, hydroxy, alkoxy, alkoxyalkoxy, nitro, methylenedioxy, ethylenedioxy, trifluoromethyl, amino, aminomethyl, aminoalkyl, aminoalkoxy, dialkylamino, hydroxyalkyl, hydroxamic acid, tetrazole-5-yl, hydroxyalkoxy, carboxy, alkoxy-carbonyl, cyano, acyl, alkylsulfinyl, alkylsulfonyl,~~

~~arylalkyl having 7 to 19 carbon atoms, wherein the aryl portion has 6 to 14 carbon atoms and the alkyl portion, which is branched or unbranched, has 1 to 5 carbon atoms, arylalkyl radical is unsubstituted or substituted, in the aryl portion, one or more times by halogen, trifluoromethyl, CF<sub>3</sub>O, nitro, amino, alkyl, alkoxy, amino, alkylamino, dialkylamino and/or substituted in the alkyl portion by halogen, cyano, or methyl,~~

~~a heterocyclic group, which is saturated, partially saturated or unsaturated, having 5 to 10 ring atoms in which at least 1 ring atom is a N, O or S~~

~~atom, which is unsubstituted or substituted one or more times by halogen, alkyl, hydroxy, alkoxy, alkoxyalkoxy, nitro, methylenedioxy, ethylenedioxy, trifluoromethyl, amino, aminomethyl, aminoalkyl, aminoalkoxy, dialkylamino, hydroxyalkyl, hydroxamic acid, tetrazole-5-yl, hydroxyalkoxy, carboxy, alkoxy-carbonyl, cyano, acyl, alkylthio, alkylsulfinyl, alkylsulfonyl, phenoxy, or combinations thereof, or~~

~~— a heterocycle-alkyl group, wherein the heterocyclic portion is saturated, partially saturated or unsaturated, and has 5 to 10 ring atoms in which at least 1 ring atom is a N, O or S atom, and the alkyl portion which is branched or unbranched and has 1 to 5 carbon atoms, the heterocycle-alkyl group is unsubstituted or substituted one or more times in the heterocyclic portion by halogen, alkyl, alkoxy, cyano, trifluoromethyl,  $\text{CF}_3\text{O}$ , nitro, oxo, amino, alkylamino, dialkylamino, or combinations thereof and/or substituted in the alkyl portion by halogen, cyano, or methyl or combinations thereof;~~

~~L— is a single bond or a divalent aliphatic radical having 1 to 8 carbon atoms wherein one or more  $\text{CH}_2$  groups are each optionally replaced by  $\text{O}$ ,  $\text{S}$ ,  $\text{NR}^6$ ,  $\text{SO}_2\text{NH}$ ,  $\text{NHSO}_2$ ,  $\text{SO}_2\text{NR}^6$ ,  $\text{NR}^6\text{SO}_2$ ,  $\text{CO}$ ,  $\text{NR}^6\text{CO}$ ,  $\text{CONR}^6$ ,  $\text{NHCONH}$ ,  $\text{OCONH}$ ,  $\text{NHCOO}$ ,  $\text{SCONH}$ ,  $\text{SCSNH}$ , or  $\text{NHCSNH}$ ; and~~

~~$\text{R}^6$ — is  $\text{H}$ ,~~

~~alkyl having 1 to 8 carbon atoms, which is branched or unbranched and which is unsubstituted or substituted one or more times with halogen, C<sub>1</sub>-4-alkyl, C<sub>1</sub>-4-alkoxy, oxo, or combinations thereof;~~

~~arylalkyl having 7 to 19 carbon atoms, wherein the aryl portion has 6 to 14 carbon atoms and the alkyl portion, which is branched or unbranched, has 1 to 5 carbon atoms, arylalkyl radical is unsubstituted or substituted, in the aryl portion, one or more times by halogen, trifluoromethyl, CF<sub>3</sub>O, nitro, amino, alkyl, alkoxy, alkylamino, dialkylamino, and/or substituted in the alkyl portion by halogen, cyano, or methyl;~~

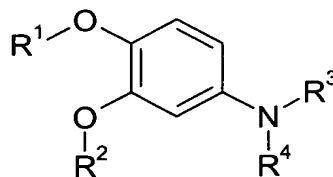
~~aryl having 6 to 14 carbon atoms and which is unsubstituted or substituted one or more times by halogen, alkyl, hydroxy, alkoxy, alkoxyalkoxy, nitro, methylenedioxy, ethylenedioxy, trifluoromethyl, amino, aminomethyl, aminoalkyl, aminoalkoxy dialkylamino, hydroxyalkyl (eg., hydroxymethyl), hydroxamic acid, tetrazole-5-yl, hydroxyalkox, carboxy, alkoxy-carbonyl, cyano, acyl, alkylthio, alkylsulfinyl, alkylsulfonyl,~~

~~wherein at least one of R<sup>3</sup> and R<sup>4</sup> is other than H; and~~

~~or a pharmaceutically acceptable salt salts thereof.~~

3. (Currently Amended): A compound according to Formula I:





wherein

$R^1$  is H or alkyl having 1 to 4 carbon atoms, which is branched or unbranched and which is unsubstituted or substituted one or more times by halogen;

$R^2$  is alkyl having 1 to 12 carbon atoms, which is branched or unbranched and which is unsubstituted or substituted one or more times by halogen, hydroxy, cyano,  $C_{1-4}$ -alkoxy, oxo or combinations thereof, and wherein optionally one or more  $-CH_2CH_2-$  groups is replaced in each case by  $-CH=CH-$  or  $-C\equiv C-$ ,

cycloalkyl having 3 to 10 carbon atoms, which is unsubstituted or substituted one or more times by halogen, hydroxy, oxo, cyano, alkyl having 1 to 4 carbon atoms, alkoxy having 1 to 4 carbon atoms, or combinations thereof,

cycloalkylalkyl having 4 to 16 carbon atoms, which is unsubstituted or substituted in the cycloalkyl portion and/or the alkyl portion one or more times by halogen, oxo, cyano, hydroxy,  $C_{1-4}$ -alkyl,  $C_{1-4}$ -alkoxy or combinations thereof,

aryl having 6 to 14 carbon atoms, which is unsubstituted or substituted one or more times by halogen,  $CF_3$ ,  $OCF_3$ , alkyl having 1 to 12 carbon atoms,

hydroxy, alkoxy having 1 to 12 carbon atoms, nitro, methylenedioxy, ethylenedioxy, cyano, or combinations thereof,

arylalkyl in which the aryl portion has 6 to 14 carbon atoms and the alkyl portion, which is branched or unbranched, has 1 to 5 carbon atoms, which the arylalkyl radical is unsubstituted or is substituted in the aryl portion one or more times by halogen, CF<sub>3</sub>, OCF<sub>3</sub>, alkyl having 1 to 12 carbon atoms, hydroxy, alkoxy having 1 to 12 carbon atoms, nitro, cyano, methylenedioxy, ethylenedioxy, or combinations thereof, and wherein in the alkyl portion one or more -CH<sub>2</sub>CH<sub>2</sub>- groups are each optionally replaced by -CH=CH- or -C≡C-, and one or more -CH<sub>2</sub>- groups are each optionally replaced by -O- or -NH- and/or the alkyl portion is optionally substituted by halogen, oxo, hydroxy, cyano, or combinations thereof,

a partially unsaturated carbocyclic group having 5 to 14 carbon atoms, which is unsubstituted or substituted one or more times by halogen, alkyl having 1 to 12 carbon atoms, alkoxy having 1 to 12 carbon atoms, hydroxy, nitro, cyano, oxo, or combinations thereof,

a heterocyclic group, which is saturated, partially saturated or unsaturated, having 5 to 10 ring atoms in which at least 1 ring atom is a N, O or S atom, which is unsubstituted or substituted one or more times by halogen, hydroxy, aryl, alkyl having 1 to 12 carbon atoms, alkoxy having 1 to 12 carbon atoms, cyano, trifluoromethyl, nitro, oxo, or combinations thereof,  
or

a heterocycle-alkyl group, wherein the heterocyclic portion is saturated, partially saturated or unsaturated, and has 5 to 10 ring atoms in which at least 1 ring atom is a N, O or S atom, and the alkyl portion is branched or unbranched and has 1 to 5 carbon atoms, the heterocycle-alkyl group is unsubstituted or substituted one or more times in the heterocyclic portion by halogen, OCF<sub>3</sub>, hydroxy, aryl, alkyl having 1 to 12 carbon atoms, alkoxy having 1 to 12 carbon atoms, cyano, trifluoromethyl, nitro, oxo, or combinations thereof, wherein in the alkyl portion one or more -CH<sub>2</sub>CH<sub>2</sub>- groups are each optionally replaced by -CH=CH- or -C≡C-, and one or more -CH<sub>2</sub>- groups are each optionally replaced by -O- or -NH- and/or the alkyl portion is optionally substituted by halogen, oxo, hydroxy, cyano, or combinations thereof;

R<sup>3</sup> is H,

alkyl having 1 to 8, ~~preferably 1 to 4 carbon atoms~~, which is branched or unbranched and which is unsubstituted or substituted one or more times with halogen, cyano, C<sub>1-4</sub>-alkoxy, or combinations thereof,

a partially unsaturated carbocycle-alkyl group wherein the carbocyclic portion has 5 to 14 carbon atoms and the alkyl portion which is branched or unbranched has 1 to 5 carbon atoms, and which is unsubstituted or substituted in the carbocyclic portion one or more times by halogen, alkyl having 1 to 12 carbon atoms, alkoxy having 1 to 12 carbon atoms, nitro,

cyano, oxo, or combinations thereof, and the alkyl portion is optionally substituted by halogen, C<sub>1-4</sub>-alkoxy, cyano or combinations thereof,

arylalkyl having 7 to 19 carbon atoms, wherein the aryl portion has 6 to 14 carbon atoms and the alkyl portion, which is branched or unbranched, has 1 to 5 carbon atoms, arylalkyl radical is unsubstituted or substituted, in the aryl portion, one or more times by halogen, trifluoromethyl, CF<sub>3</sub>O, nitro, amino, alkyl having 1 to 12 carbon atoms, alkoxy having 1 to 12 carbon atoms, alkylamino wherein the alkyl group has 1 to 12 carbon atoms, dialkylamino wherein each alkyl group has 1 to 12 carbon atoms and/or substituted in the alkyl portion by halogen, cyano, or methyl, or

heteroarylalkyl group, wherein the heteroaryl portion may be partially or fully saturated and has 5 to 10 ring atoms in which at least 1 ring atom is a N, O or S atom, the alkyl portion, which is branched or unbranched, has 1 to 5 carbon atoms, the heteroarylalkyl group is unsubstituted or substituted one or more times in the heteroaryl portion by halogen, alkyl having 1 to 12 carbon atoms, alkoxy having 1 to 12 carbon atoms, cyano, trifluoromethyl, CF<sub>3</sub>O, nitro, oxo, amino, alkylamino wherein the alkyl group has 1 to 12 carbon atoms, dialkylamino wherein each alkyl group has 1 to 12 carbon atoms, or combinations thereof and/or substituted in the alkyl portion by halogen, cyano, or methyl or combinations thereof;

R<sup>4</sup> is aryl having 6 to 14 carbon atoms and which is ~~unsubstituted or~~ substituted one or more times by halogen, alkyl having 1 to 12 carbon

atoms, alkenyl having 2 to 12 carbon atoms, alkynyl having 2 to 12 carbon atoms, hydroxy, alkoxy having 1 to 12 carbon atoms, alkoxyalkoxy wherein each alkoxy group has 1 to 12 carbon atoms, nitro, methylenedioxy, ethylenedioxy, trifluoromethyl, OCF<sub>3</sub>, amino, aminoalkyl having 1 to 12 carbon atoms, aminoalkoxy having 1 to 12 carbon atoms, dialkylamino wherein each alkyl group has 1 to 12 carbon atoms, hydroxyalkyl having 1 to 12 carbon atoms (eg., hydroxymethyl), hydroxamic acid, pyrrolyl, tetrazole-5-yl, 2(-heterocycle)tetrazole-5-yl tetrazole-5-yl), hydroxyalkoxy having 1 to 12 carbon atoms, carboxy, alkyl -O-CO- wherein the alkyl portion has 1 to 12 carbon atoms ~~alkoxy~~carbonyl, cyano, ~~acyl~~ alkanoyl having 1 to 13 carbon atoms, aroyl having 7 to 15 carbon atoms, alkylthio having 1 to 12 carbon atoms, alkylsulfinyl having 1 to 12 carbon atoms, alkylsulfonyl having 1 to 12 carbon atoms, phenoxy, trialkylsilyloxy wherein each alkyl group has 1 to 12 carbon atoms, R<sup>5</sup>-L-, or combinations thereof, or

heteroaryl having 5 to 10 ring atoms in which at least 1 ring atom is a heteroatom, which is ~~unsubstituted or~~ substituted one or more times by halogen, alkyl having 1 to 12 carbon atoms, hydroxy, alkoxy having 1 to 12 carbon atoms, alkoxyalkoxy wherein each alkoxy group has 1 to 12 carbon atoms, nitro, methylenedioxy, ethylenedioxy, trifluoromethyl, OCF<sub>3</sub>, amino, aminoalkyl having 1 to 12 carbon atoms, aminoalkoxy

having 1 to 12 carbon atoms, dialkylamino wherein each alkyl group has 1 to 12 carbon atoms, hydroxyalkyl having 1 to 12 carbon atoms, hydroxamic acid, tetrazole-5-yl, hydroxyalkoxy having 1 to 12 carbon atoms, carboxy, alkyl -O-CO- wherein the alkyl portion has 1 to 12 carbon atoms, alkoxy, carbonyl, cyano, acyl, alkanoyl having 1 to 13 carbon atoms, aroyl having 7 to 15 carbon atoms, alkylthio having 1 to 12 carbon atoms, alkylsulfinyl having 1 to 12 carbon atoms, alkylsulfonyl having 1 to 12 carbon atoms, phenoxy, trialkylsilyloxy wherein each alkyl group has 1 to 12 carbon atoms, R<sup>5</sup>-L-, or combinations thereof;

R<sup>5</sup> is H,

alkyl having 1 to 8 carbon atoms, which is unsubstituted or substituted one or more times with halogen, C<sub>1-4</sub>-alkyl, C<sub>1-4</sub>-alkoxy, oxo, or combinations thereof,

alkylamino or dialkylamino wherein each alkyl portion has independently 1 to 8 carbon atoms,

a partially unsaturated carbocycle-alkyl group wherein the carbocyclic portion has 5 to 14 carbon atoms and the alkyl portion has 1 to 5 carbon atoms, which is unsubstituted or substituted, ~~preferably in the carbocyclic portion,~~ one or more times by halogen, alkyl having 1 to 12 carbon atoms, alkoxy having 1 to 12 carbon atoms, nitro, cyano, oxo, or combinations thereof,

cycloalkyl having 3 to 10 carbon atoms, which is unsubstituted or substituted one or more times by halogen, hydroxy, oxo, cyano, alkoxy having 1 to 12 carbon atoms, alkyl having 1 to 4 carbon atoms, or combinations thereof,

cycloalkylalkyl having 4 to 16 carbon atoms, which is unsubstituted or substituted in the cycloalkyl portion and/or the alkyl portion one or more times by halogen, oxo, cyano, hydroxy, alkyl having 1 to 12 carbon atoms, alkoxy having 1 to 12 carbon atoms or combinations thereof,

aryl having 6 to 14 carbon atoms and which is unsubstituted or substituted one or more times by halogen, alkyl having 1 to 12 carbon atoms, hydroxy, alkoxy having 1 to 12 carbon atoms, alkoxyalkoxy wherein each alkoxy group has 1 to 12 carbon atoms, nitro, methylenedioxy, ethylenedioxy, trifluoromethyl, amino, aminomethyl, aminoalkyl having 1 to 12 carbon atoms, aminoalkoxy having 1 to 12 carbon atoms, dialkylamino wherein each alkyl group has 1 to 12 carbon atoms, hydroxyalkyl having 1 to 12 carbon atoms, hydroxamic acid, tetrazole-5-yl, hydroxyalkoxy having 1 to 12 carbon atoms, carboxy, alkyl -O-CO- wherein the alkyl portion has 1 to 12 carbon atoms ~~alkoxy~~carbonyl, cyano, ~~acyl~~ alkanoyl having 1 to 13 carbon atoms, aroyl having 7 to 15 carbon atoms, alkylthio having 1 to 12 carbon atoms, alkylsulfinyl having 1 to 12 carbon atoms, alkylsulfonyl having 1 to 12 carbon atoms, phenoxy, cycloalkyl having 3 to 10 carbon atoms, aryl having 6 to 14 carbon atoms

which is substituted unsubstituted, heteroaryl having one or two rings and a total number of 5 to 10 ring atoms wherein at least one of the ring atoms is a heteroatom and which is substituted unsubstituted, or combinations thereof,

arylalkyl having 7 to 19 carbon atoms, wherein the aryl portion has 6 to 14 carbon atoms and the alkyl portion, which is branched or unbranched, has 1 to 5 carbon atoms, arylalkyl radical is unsubstituted or substituted, in the aryl portion, one or more times by halogen, trifluoromethyl, CF<sub>3</sub>O, nitro, amino, alkyl having 1 to 12 carbon atoms, alkoxy having 1 to 12 carbon atoms, amino, alkylamino having 1 to 12 carbon atoms, dialkylamino wherein each alkyl group has 1 to 12 carbon atoms and/or substituted in the alkyl portion by halogen, cyano, or methyl,

a heterocyclic group, which is saturated, partially saturated or unsaturated, having 5 to 10 ring atoms in which at least 1 ring atom is a N, O or S atom, which is unsubstituted or substituted one or more times by halogen, alkyl having 1 to 12 carbon atoms, hydroxy, alkoxy having 1 to 12 carbon atoms, alkoxyalkoxy wherein each alkoxy group has 1 to 12 carbon atoms, nitro, methylenedioxy, ethylenedioxy, trifluoromethyl, amino, aminomethyl, aminoalkyl having 1 to 12 carbon atoms, aminoalkoxy having 1 to 12 carbon atoms, dialkylamino wherein each alkyl group has 1 to 12 carbon atoms, hydroxyalkyl having 1 to 12 carbon atoms, hydroxamic acid, tetrazole-5-yl, hydroxyalkoxy having 1 to 12 carbon



atoms, carboxy, alkyl -O-CO- wherein the alkyl portion has 1 to 12 carbon atoms, alkoxy, carbonyl, cyano, acyl, alkanoyl having 1 to 13 carbon atoms, aroyl having 7 to 15 carbon atoms, alkylthio having 1 to 12 carbon atoms, alkylsulfinyl having 1 to 12 carbon atoms, alkylsulfonyl having 1 to 12 carbon atoms, phenoxy, or combinations thereof, or

a heterocycle-alkyl group, wherein the heterocyclic portion is saturated, partially saturated or unsaturated, and has 5 to 10 ring atoms in which at least 1 ring atom is a N, O or S atom, and the alkyl portion which is branched or unbranched and has 1 to 5 carbon atoms, the heterocycle-alkyl group is unsubstituted or substituted one or more times in the heterocyclic portion by halogen, alkyl having 1 to 12 carbon atoms, alkoxy having 1 to 12 carbon atoms, cyano, trifluoromethyl, CF<sub>3</sub>O, nitro, oxo, amino, alkylamino having 1 to 12 carbon atoms, dialkylamino wherein each alkyl group has 1 to 12 carbon atoms, or combinations thereof and/or substituted in the alkyl portion by halogen, cyano, or methyl or combinations thereof;

L is a single bond or a divalent aliphatic radical having 1 to 8 carbon atoms wherein one or more -CH<sub>2</sub>- groups are each optionally replaced by -O-, -S-, -NR<sup>6</sup>-, -SO<sub>2</sub>NH-, -NHSO<sub>2</sub>-, -SO<sub>2</sub>NR<sup>6</sup>-, -NR<sup>6</sup>SO<sub>2</sub>-, -CO-, -NR<sup>6</sup>CO-, -CONR<sup>6</sup>-, -NHCONH-, -OCONH-, -NHCOO-, -SCONH-, -SCSNH-, or -NHCSNH-; and

R<sup>6</sup> is H,

alkyl having 1 to 8 carbon atoms, which is branched or unbranched and which is unsubstituted or substituted one or more times with halogen, C<sub>1</sub>-4-alkyl, C<sub>1</sub>-4-alkoxy, oxo, or combinations thereof;

arylalkyl having 7 to 19 carbon atoms, wherein the aryl portion has 6 to 14 carbon atoms and the alkyl portion, which is branched or unbranched, has 1 to 5 carbon atoms, arylalkyl radical is unsubstituted or substituted, in the aryl portion, one or more times by halogen, trifluoromethyl, CF<sub>3</sub>O, nitro, amino, alkyl having 1 to 12 carbon atoms, alkoxy having 1 to 12 carbon atoms, alkylamino having 1 to 12 carbon atoms, dialkylamino wherein each alkyl group has 1 to 12 carbon atoms, and/or substituted in the alkyl portion by halogen, cyano, or methyl;

aryl having 6 to 14 carbon atoms and which is unsubstituted or substituted one or more times by halogen, alkyl having 1 to 12 carbon atoms, hydroxy, alkoxy having 1 to 12 carbon atoms, alkoxyalkoxy wherein each alkoxy group has 1 to 12 carbon atoms, nitro, methylenedioxy, ethylenedioxy, trifluoromethyl, amino, aminomethyl, aminoalkyl having 1 to 12 carbon atoms, aminoalkoxy having 1 to 12 carbon atoms, dialkylamino wherein each alkyl group has 1 to 12 carbon atoms, hydroxyalkyl having 1 to 12 carbon atoms, hydroxamic acid, tetrazole-5-yl, hydroxyalkoxy having 1 to 12 carbon atoms, carboxy, alkyl -O-CO- wherein the alkyl portion has 1 to 12 carbon atoms ~~alkoxycarbonyl~~, cyano, ~~acyl~~ alkanoyl having 1 to 13 carbon atoms, aroyl having 7 to 15

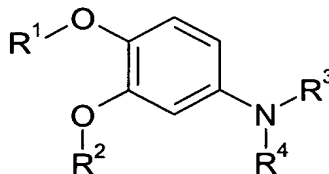
carbon atoms, alkylthio having 1 to 12 carbon atoms, alkylsulfinyl having 1 to 12 carbon atoms, or alkylsulfonyl having 1 to 12 carbon atoms,

~~wherein at least one of R<sup>3</sup> and R<sup>4</sup> is other than H; and~~

or a pharmaceutically acceptable salt salts thereof

with the proviso that R<sup>4</sup> is at least monosubstituted by R<sup>5</sup>-L in which L is ~~a single bond or~~ a divalent aliphatic radical having 1 to 8 carbon atoms wherein at least one -CH<sub>2</sub>- group is replaced by -SO<sub>2</sub>NR<sup>6</sup>- or -NR<sup>6</sup>SO<sub>2</sub>- in which R<sup>6</sup> is aryl or arylalkyl which in each case is substituted or unsubstituted.

4. (Currently Amended): A compound according to Formula I:



wherein

R<sup>1</sup> is H or alkyl having 1 to 4 carbon atoms, which is branched or unbranched and which is unsubstituted or substituted one or more times by halogen (~~e.g., CH<sub>3</sub>, CHF<sub>2</sub>, CF<sub>3</sub>, etc.~~);

R<sup>2</sup> is alkyl having 1 to 12 carbon atoms, which is branched or unbranched and which is unsubstituted or substituted one or more times by halogen, hydroxy, cyano, C<sub>1-4</sub>-alkoxy, oxo or combinations thereof, and wherein optionally one or more -CH<sub>2</sub>CH<sub>2</sub>- groups is replaced in each case by -CH=CH- or -C≡C-,

cycloalkyl having 3 to 10 carbon atoms, which is unsubstituted or substituted one or more times by halogen, hydroxy, oxo, cyano, alkyl having 1 to 4 carbon atoms, alkoxy having 1 to 4 carbon atoms, or combinations thereof,

cycloalkylalkyl having 4 to 16 carbon atoms, which is unsubstituted or substituted in the cycloalkyl portion and/or the alkyl portion one or more times by halogen, oxo, cyano, hydroxy, C<sub>1-4</sub>-alkyl, C<sub>1-4</sub>-alkoxy or combinations thereof,

aryl having 6 to 14 carbon atoms, which is unsubstituted or substituted one or more times by halogen, CF<sub>3</sub>, OCF<sub>3</sub>, alkyl having 1 to 12 carbon atoms, hydroxy, alkoxy having 1 to 12 carbon atoms, nitro, methylenedioxy, ethylenedioxy, cyano, or combinations thereof,

arylalkyl in which the aryl portion has 6 to 14 carbon atoms and the alkyl portion, which is branched or unbranched, has 1 to 5 carbon atoms, which the arylalkyl radical is unsubstituted or is substituted in the aryl portion one or more times by halogen, CF<sub>3</sub>, OCF<sub>3</sub>, alkyl having 1 to 12 carbon atoms, hydroxy, alkoxy having 1 to 12 carbon atoms, nitro, cyano, methylenedioxy, ethylenedioxy, or combinations thereof, and wherein in the alkyl portion one or more -CH<sub>2</sub>CH<sub>2</sub>- groups are each optionally replaced by -CH=CH- or -C≡C-, and one or more -CH<sub>2</sub>- groups are each optionally replaced by -O- or -NH- and/or the alkyl portion is optionally substituted by halogen, oxo, hydroxy, cyano, or combinations thereof,

a partially unsaturated carbocyclic group having 5 to 14 carbon atoms, which is unsubstituted or substituted one or more times by halogen, alkyl having 1 to 12 carbon atoms, alkoxy having 1 to 12 carbon atoms, hydroxy, nitro, cyano, oxo, or combinations thereof,

a heterocyclic group, which is saturated, partially saturated or unsaturated, having 5 to 10 ring atoms in which at least 1 ring atom is a N, O or S atom, which is unsubstituted or substituted one or more times by halogen, hydroxy, aryl, alkyl having 1 to 12 carbon atoms, alkoxy having 1 to 12 carbon atoms, cyano, trifluoromethyl, nitro, oxo, or combinations thereof, or

a heterocycle-alkyl group, wherein the heterocyclic portion is saturated, partially saturated or unsaturated, and has 5 to 10 ring atoms in which at least 1 ring atom is a N, O or S atom, and the alkyl portion is branched or unbranched and has 1 to 5 carbon atoms, the heterocycle-alkyl group is unsubstituted or substituted one or more times in the heterocyclic portion by halogen, OCF<sub>3</sub>, hydroxy, aryl, alkyl having 1 to 12 carbon atoms, alkoxy having 1 to 12 carbon atoms, cyano, trifluoromethyl, nitro, oxo, or combinations thereof, wherein in the alkyl portion one or more -CH<sub>2</sub>CH<sub>2</sub>- groups are each optionally replaced by -CH=CH- or -C≡C-, and one or more -CH<sub>2</sub>- groups are each optionally replaced by -O- or -NH- and/or the alkyl portion is optionally substituted by halogen, oxo, hydroxy, cyano, or combinations thereof;

$R^3$  is H,

alkyl having 1 to 8 carbon atoms, which is branched or unbranched and which is unsubstituted or substituted one or more times with halogen, cyano,  $C_{1-4}$ -alkoxy, or combinations thereof,

a partially unsaturated carbocycle-alkyl group wherein the carbocyclic portion has 5 to 14 carbon atoms and the alkyl portion which is branched or unbranched has 1 to 5 carbon atoms, and which is unsubstituted or substituted in the carbocyclic portion one or more times by halogen, alkyl having 1 to 12 carbon atoms, alkoxy having 1 to 12 carbon atoms, nitro, cyano, oxo, or combinations thereof, and the alkyl portion is optionally substituted by halogen,  $C_{1-4}$ -alkoxy, cyano or combinations thereof,

arylalkyl having 7 to 19 carbon atoms, wherein the aryl portion has 6 to 14 carbon atoms and the alkyl portion, which is branched or unbranched, has 1 to 5 carbon atoms, arylalkyl radical is unsubstituted or substituted, in the aryl portion, one or more times by halogen, trifluoromethyl,  $CF_3O$ , nitro, amino, alkyl having 1 to 12 carbon atoms, alkoxy having 1 to 12 carbon atoms, alkylamino wherein the alkyl group has 1 to 12 carbon atoms, dialkylamino wherein each alkyl group has 1 to 12 carbon atoms and/or substituted in the alkyl portion by halogen, cyano, or methyl, or

heteroarylalkyl group, wherein the heteroaryl portion may be partially or fully saturated and has 5 to 10 ring atoms in which at least 1 ring atom is a

N, O or S atom, the alkyl portion, which is branched or unbranched, has 1 to 5 carbon atoms, the heteroarylalkyl group is unsubstituted or substituted one or more times in the heteroaryl portion by halogen, alkyl having 1 to 12 carbon atoms, alkoxy having 1 to 12 carbon atoms, cyano, trifluoromethyl, CF<sub>3</sub>O, nitro, oxo, amino, alkylamino wherein the alkyl group has 1 to 12 carbon atoms, dialkylamino wherein each alkyl group has 1 to 12 carbon atoms, or combinations thereof and/or substituted in the alkyl portion by halogen, cyano, or methyl or combinations thereof;

R<sup>4</sup> is H,

~~cycloalkyl having 3 to 10, preferably 3 to 8 carbon atoms, which is unsubstituted or substituted one or more times by halogen, hydroxy, oxo, cyano, alkyl having 1 to 4 carbon atoms, alkoxy having 1 to 4 carbon atoms, or combinations thereof,~~

aryl having 6 to 14 carbon atoms and which is ~~unsubstituted or~~ substituted one or more times by halogen, alkyl having 1 to 12 carbon atoms, alkenyl having 2 to 12 carbon atoms, alkynyl having 2 to 12 carbon atoms, hydroxy, alkoxy having 1 to 12 carbon atoms, alkoxyalkoxy wherein each alkoxy group has 1 to 12 carbon atoms, nitro, methylenedioxy, ethylenedioxy, trifluoromethyl, OCF<sub>3</sub>, amino, aminoalkyl having 1 to 12 carbon atoms, aminoalkoxy having 1 to 12 carbon atoms, dialkylamino wherein each alkyl group has 1 to 12 carbon atoms, hydroxyalkyl having 1 to 12 carbon atoms, hydroxamic acid, pyrrolyl, tetrazole-5-yl, 2(-

heterocycle)tetrazole-5-yl tetrazole-5-yl), hydroxyalkoxy having 1 to 12 carbon atoms, carboxy, alkyl -O-CO- wherein the alkyl portion has 1 to 12 carbon atoms ~~alkoxy~~carbonyl, cyano, ~~acyl~~ alkanoyl having 1 to 13 carbon atoms, aroyl having 7 to 15 carbon atoms, alkylthio having 1 to 12 carbon atoms, alkylsulfinyl having 1 to 12 carbon atoms, alkylsulfonyl having 1 to 12 carbon atoms, phenoxy, trialkylsilyloxy wherein each alkyl group has 1 to 12 carbon atoms, R<sup>5</sup>-L-, or combinations thereof, or

heteroaryl having 5 to 10 ring atoms in which at least 1 ring atom is a heteroatom, which is ~~unsubstituted or~~ substituted one or more times by halogen, alkyl having 1 to 12 carbon atoms, hydroxy, alkoxy having 1 to 12 carbon atoms, alkoxyalkoxy wherein each alkoxy group has 1 to 12 carbon atoms, nitro, methylenedioxy, ethylenedioxy, trifluoromethyl, OCF<sub>3</sub>, amino, aminoalkyl having 1 to 12 carbon atoms, aminoalkoxy having 1 to 12 carbon atoms, dialkylamino wherein each alkyl group has 1 to 12 carbon atoms, hydroxyalkyl having 1 to 12 carbon atoms, hydroxamic acid, tetrazole-5-yl, hydroxyalkoxy having 1 to 12 carbon atoms, carboxy, alkyl -O-CO- wherein the alkyl portion has 1 to 12 carbon atoms ~~alkoxy~~carbonyl, cyano, ~~acyl~~ alkanoyl having 1 to 13 carbon atoms, aroyl having 7 to 15 carbon atoms, alkylthio having 1 to 12 carbon atoms, alkylsulfinyl having 1 to 12 carbon atoms, alkylsulfonyl having 1 to 12 carbon atoms, phenoxy, trialkylsilyloxy wherein each alkyl group has 1 to 12 carbon atoms, R<sup>5</sup>-L-, or combinations thereof;



R<sup>5</sup> is H,

alkyl having 1 to 8 carbon atoms, which is unsubstituted or substituted one or more times with halogen, C<sub>1-4</sub>-alkyl, C<sub>1-4</sub>-alkoxy, oxo, or combinations thereof,

alkylamino or dialkylamino wherein each alkyl portion has independently 1 to 8, ~~preferably 1 to 4 carbon atoms,~~

a partially unsaturated carbocycle-alkyl group wherein the carbocyclic portion has 5 to 14 carbon atoms and the alkyl portion has 1 to 5 carbon atoms, which is unsubstituted or substituted, ~~preferably in the carbocyclic portion,~~ one or more times by halogen, alkyl having 1 to 12 carbon atoms, alkoxy having 1 to 12 carbon atoms, nitro, cyano, oxo, or combinations thereof,

cycloalkyl having 3 to 10 carbon atoms, which is unsubstituted or substituted one or more times by halogen, hydroxy, oxo, cyano, alkoxy having 1 to 12 carbon atoms, alkyl having 1 to 4 carbon atoms, or combinations thereof,

cycloalkylalkyl having 4 to 16 carbon atoms, which is unsubstituted or substituted in the cycloalkyl portion and/or the alkyl portion one or more times by halogen, oxo, cyano, hydroxy, alkyl having 1 to 12 carbon atoms, alkoxy having 1 to 12 carbon atoms or combinations thereof,

aryl having 6 to 14 carbon atoms and which is unsubstituted or substituted one or more times by halogen, alkyl having 1 to 12 carbon atoms, hydroxy, alkoxy having 1 to 12 carbon atoms, alkoxyalkoxy wherein each alkoxy group has 1 to 12 carbon atoms, nitro, methylenedioxy, ethylenedioxy, trifluoromethyl, amino, aminomethyl, aminoalkyl having 1 to 12 carbon atoms, aminoalkoxy having 1 to 12 carbon atoms, dialkylamino wherein each alkyl group has 1 to 12 carbon atoms, hydroxyalkyl having 1 to 12 carbon atoms, hydroxamic acid, tetrazole-5-yl, hydroxyalkoxy having 1 to 12 carbon atoms, carboxy, alkyl -O-CO- wherein the alkyl portion has 1 to 12 carbon atoms ~~alkoxycarbonyl~~, cyano, ~~acyl~~ alkanoyl having 1 to 13 carbon atoms, aroyl having 7 to 15 carbon atoms, alkylthio having 1 to 12 carbon atoms, alkylsulfinyl having 1 to 12 carbon atoms, alkylsulfonyl having 1 to 12 carbon atoms, phenoxy, cycloalkyl having 3 to 10 carbon atoms, aryl having 6 to 14 carbon atoms which is substituted unsubstituted, heteroaryl having one or two rings and a total number of 5 to 10 ring atoms wherein at least one of the ring atoms is a heteroatom and which is substituted unsubstituted, or combinations thereof,

arylalkyl having 7 to 19 carbon atoms, wherein the aryl portion has 6 to 14 carbon atoms and the alkyl portion, which is branched or unbranched, has 1 to 5 carbon atoms, arylalkyl radical is unsubstituted or substituted, in the aryl portion, one or more times by halogen, trifluoromethyl, CF<sub>3</sub>O, nitro, amino, alkyl having 1 to 12 carbon atoms, alkoxy having 1 to 12 carbon

atoms, amino, alkylamino having 1 to 12 carbon atoms, dialkylamino  
wherein each alkyl group has 1 to 12 carbon atoms and/or substituted in  
the alkyl portion by halogen, cyano, or methyl,

a heterocyclic group, which is saturated, partially saturated or unsaturated,  
having 5 to 10 ring atoms in which at least 1 ring atom is a N, O or S  
atom, which is unsubstituted or substituted one or more times by halogen,  
alkyl having 1 to 12 carbon atoms, hydroxy, alkoxy having 1 to 12 carbon  
atoms, alkoxyalkoxy wherein each alkoxy group has 1 to 12 carbon atoms,  
nitro, methylenedioxy, ethylenedioxy, trifluoromethyl, amino,  
aminomethyl, aminoalkyl having 1 to 12 carbon atoms, aminoalkoxy  
having 1 to 12 carbon atoms, dialkylamino wherein each alkyl group has 1  
to 12 carbon atoms, hydroxyalkyl having 1 to 12 carbon atoms,  
hydroxamic acid, tetrazole-5-yl, hydroxyalkoxy having 1 to 12 carbon  
atoms, carboxy, alkyl -O-CO- wherein the alkyl portion has 1 to 12 carbon  
atoms ~~alkoxy~~carbonyl, cyano, ~~acyl~~ alkanoyl having 1 to 13 carbon atoms,  
aroyl having 7 to 15 carbon atoms, alkylthio having 1 to 12 carbon atoms,  
alkylsulfinyl having 1 to 12 carbon atoms, alkylsulfonyl having 1 to 12  
carbon atoms, phenoxy, or combinations thereof, or

a heterocycle-alkyl group, wherein the heterocyclic portion is saturated,  
partially saturated or unsaturated, and has 5 to 10 ring atoms in which at  
least 1 ring atom is a N, O or S atom, and the alkyl portion which is  
branched or unbranched and has 1 to 5 carbon atoms, the heterocycle-alkyl

group is unsubstituted or substituted one or more times in the heterocyclic portion by halogen, alkyl having 1 to 12 carbon atoms, alkoxy having 1 to 12 carbon atoms, cyano, trifluoromethyl, CF<sub>3</sub>O, nitro, oxo, amino, alkylamino having 1 to 12 carbon atoms, dialkylamino wherein each alkyl group has 1 to 12 carbon atoms, or combinations thereof and/or substituted in the alkyl portion by halogen, cyano, or methyl or combinations thereof;

L is a single bond or a divalent aliphatic radical having 1 to 8 carbon atoms wherein one or more -CH<sub>2</sub>- groups are each optionally replaced by -O-, -S-, -NR<sup>6</sup>-, -SO<sub>2</sub>NH-, -NHSO<sub>2</sub>-, -SO<sub>2</sub>NR<sup>6</sup>-, -NR<sup>6</sup>SO<sub>2</sub>-, -CO-, -NR<sup>6</sup>CO-, -CONR<sup>6</sup>-, -NHCONH-, -OCONH-, -NHCOO-, -SCONH-, -SCSNH-, or -NHCSNH-; and

R<sup>6</sup> is H,

alkyl having 1 to 8 carbon atoms, which is branched or unbranched and which is unsubstituted or substituted one or more times with halogen, C<sub>1</sub>-<sub>4</sub>-alkyl, C<sub>1</sub>-<sub>4</sub>-alkoxy, oxo, or combinations thereof;

arylalkyl having 7 to 19 carbon atoms, wherein the aryl portion has 6 to 14 carbon atoms and the alkyl portion, which is branched or unbranched, has 1 to 5 carbon atoms, arylalkyl radical is unsubstituted or substituted, in the aryl portion, one or more times by halogen, trifluoromethyl, CF<sub>3</sub>O, nitro, amino, alkyl having 1 to 12 carbon atoms, alkoxy having 1 to 12 carbon atoms, alkylamino having 1 to 12 carbon atoms, dialkylamino wherein

each alkyl group has 1 to 12 carbon atoms, and/or substituted in the alkyl portion by halogen, cyano, or methyl;

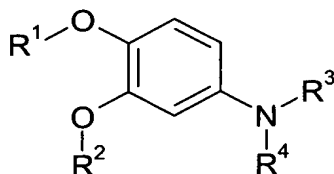
aryl having 6 to 14 carbon atoms and which is unsubstituted or substituted one or more times by halogen, alkyl having 1 to 12 carbon atoms, hydroxy, alkoxy having 1 to 12 carbon atoms, alkoxyalkoxy wherein each alkoxy group has 1 to 12 carbon atoms, nitro, methylenedioxy, ethylenedioxy, trifluoromethyl, amino, aminomethyl, aminoalkyl having 1 to 12 carbon atoms, aminoalkoxy having 1 to 12 carbon atoms, dialkylamino wherein each alkyl group has 1 to 12 carbon atoms, hydroxyalkyl having 1 to 12 carbon atoms, hydroxamic acid, tetrazole-5-yl, hydroxyalkoxy having 1 to 12 carbon atoms, carboxy, alkyl -O-CO- wherein the alkyl portion has 1 to 12 carbon atoms ~~alkoxy~~carbonyl, cyano, ~~acyl~~ alkanoyl having 1 to 13 carbon atoms, aroyl having 7 to 15 carbon atoms, alkylthio having 1 to 12 carbon atoms, alkylsulfinyl having 1 to 12 carbon atoms, or alkylsulfonyl having 1 to 12 carbon atoms;

~~wherein at least one of R<sup>3</sup> and R<sup>4</sup> is other than H; and~~

or a pharmaceutically acceptable salt salts thereof,

with the proviso that R<sup>4</sup> is at least monosubstituted by R<sup>5</sup>-L in which L is ~~a single bond or~~ a divalent aliphatic radical having 1 to 8 carbon atoms wherein at least one -CH<sub>2</sub>- group is replaced by -NR<sup>6</sup>-, -SO<sub>2</sub>NR<sup>6</sup>-, -NR<sup>6</sup>SO<sub>2</sub>-, -NR<sup>6</sup>CO-, or -CONR<sup>6</sup>- and R<sup>6</sup> is aryl or arylalkyl which in each case is substituted or unsubstituted.

5. (Currently Amended): A compound according to Formula I:



wherein

R<sup>1</sup> is H or alkyl having 1 to 4 carbon atoms, which is branched or unbranched and which is unsubstituted or substituted one or more times by halogen;

R<sup>2</sup> is alkyl having 1 to 12 carbon atoms, which is branched or unbranched and which is unsubstituted or substituted one or more times by halogen, hydroxy, cyano, C<sub>1-4</sub>-alkoxy, oxo or combinations thereof, and wherein optionally one or more -CH<sub>2</sub>CH<sub>2</sub>- groups is replaced in each case by -CH=CH- or -C≡C-,

cycloalkyl having 3 to 10 carbon atoms, which is unsubstituted or substituted one or more times by halogen, hydroxy, oxo, cyano, alkyl having 1 to 4 carbon atoms, alkoxy having 1 to 4 carbon atoms, or combinations thereof,

cycloalkylalkyl having 4 to 16 carbon atoms, which is unsubstituted or substituted in the cycloalkyl portion and/or the alkyl portion one or more times by halogen, oxo, cyano, hydroxy, C<sub>1-4</sub>-alkyl, C<sub>1-4</sub>-alkoxy or combinations thereof,

aryl having 6 to 14 carbon atoms, which is unsubstituted or substituted one or more times by halogen, CF<sub>3</sub>, OCF<sub>3</sub>, alkyl having 1 to 12 carbon atoms, hydroxy, alkoxy having 1 to 12 carbon atoms, nitro, methylenedioxy, ethylenedioxy, cyano, or combinations thereof,

arylalkyl in which the aryl portion has 6 to 14 carbon atoms and the alkyl portion, which is branched or unbranched, has 1 to 5 carbon atoms, which the arylalkyl radical is unsubstituted or is substituted in the aryl portion one or more times by halogen, CF<sub>3</sub>, OCF<sub>3</sub>, alkyl having 1 to 12 carbon atoms, hydroxy, alkoxy having 1 to 12 carbon atoms, nitro, cyano, methylenedioxy, ethylenedioxy, or combinations thereof, and wherein in the alkyl portion one or more -CH<sub>2</sub>CH<sub>2</sub>- groups are each optionally replaced by -CH=CH- or -C≡C-, and one or more -CH<sub>2</sub>- groups are each optionally replaced by -O- or -NH- and/or the alkyl portion is optionally substituted by halogen, oxo, hydroxy, cyano, or combinations thereof,

a partially unsaturated carbocyclic group having 5 to 14 carbon atoms, which is unsubstituted or substituted one or more times by halogen, alkyl having 1 to 12 carbon atoms, alkoxy having 1 to 12 carbon atoms, hydroxy, nitro, cyano, oxo, or combinations thereof,

a heterocyclic group, which is saturated, partially saturated or unsaturated, having 5 to 10 ring atoms in which at least 1 ring atom is a N, O or S atom, which is unsubstituted or substituted one or more times by halogen, hydroxy, aryl, alkyl having 1 to 12 carbon atoms, alkoxy having 1 to 12

carbon atoms, cyano, trifluoromethyl, nitro, oxo, or combinations thereof,

or

a heterocycle-alkyl group, wherein the heterocyclic portion is saturated, partially saturated or unsaturated, and has 5 to 10 ring atoms in which at least 1 ring atom is a N, O or S atom, and the alkyl portion is branched or unbranched and has 1 to 5 carbon atoms, the heterocycle-alkyl group is unsubstituted or substituted one or more times in the heterocyclic portion by halogen, OCF<sub>3</sub>, hydroxy, aryl, alkyl having 1 to 12 carbon atoms, alkoxy having 1 to 12 carbon atoms, cyano, trifluoromethyl, nitro, oxo, or combinations thereof, wherein in the alkyl portion one or more -CH<sub>2</sub>CH<sub>2</sub>- groups are each optionally replaced by -CH=CH- or -C≡C-, and one or more -CH<sub>2</sub>- groups are each optionally replaced by -O- or -NH- and/or the alkyl portion is optionally substituted by halogen, oxo, hydroxy, cyano, or combinations thereof;

R<sup>3</sup> is H,

alkyl having 1 to 8, ~~preferably 1 to 4 carbon atoms~~, which is branched or unbranched and which is unsubstituted or substituted one or more times with halogen, cyano, C<sub>1-4</sub>-alkoxy, or combinations thereof,

a partially unsaturated carbocycle-alkyl group wherein the carbocyclic portion has 5 to 14 carbon atoms and the alkyl portion which is branched or unbranched has 1 to 5 carbon atoms, and which is unsubstituted or



substituted in the carbocyclic portion one or more times by halogen, alkyl having 1 to 12 carbon atoms, alkoxy having 1 to 12 carbon atoms, nitro, cyano, oxo, or combinations thereof, and the alkyl portion is optionally substituted by halogen, C<sub>1-4</sub>-alkoxy, cyano or combinations thereof,

arylalkyl having 7 to 19 carbon atoms, wherein the aryl portion has 6 to 14 carbon atoms and the alkyl portion, which is branched or unbranched, has 1 to 5 carbon atoms, arylalkyl radical is unsubstituted or substituted, in the aryl portion, one or more times by halogen, trifluoromethyl, CF<sub>3</sub>O, nitro, amino, alkyl having 1 to 12 carbon atoms, alkoxy having 1 to 12 carbon atoms, alkylamino wherein the alkyl group has 1 to 12 carbon atoms, dialkylamino wherein each alkyl group has 1 to 12 carbon atoms and/or substituted in the alkyl portion by halogen, cyano, or methyl, or

heteroarylalkyl group, wherein the heteroaryl portion may be partially or fully saturated and has 5 to 10 ring atoms in which at least 1 ring atom is a N, O or S atom, the alkyl portion, which is branched or unbranched, has 1 to 5 carbon atoms, the heteroarylalkyl group is unsubstituted or substituted one or more times in the heteroaryl portion by halogen, alkyl having 1 to 12 carbon atoms, alkoxy having 1 to 12 carbon atoms, cyano, trifluoromethyl, CF<sub>3</sub>O, nitro, oxo, amino, alkylamino wherein the alkyl group has 1 to 12 carbon atoms, dialkylamino wherein each alkyl group has 1 to 12 carbon atoms, or combinations thereof and/or substituted in the alkyl portion by halogen, cyano, or methyl or combinations thereof;

$R^4$  is aryl having 6 to 14 carbon atoms and which is unsubstituted or substituted one or more times by halogen, alkyl having 1 to 12 carbon atoms, alkenyl having 2 to 12 carbon atoms, alkynyl having 2 to 12 carbon atoms, hydroxy, alkoxy having 1 to 12 carbon atoms, alkoxyalkoxy wherein each alkoxy group has 1 to 12 carbon atoms, nitro, methylenedioxy, ethylenedioxy, trifluoromethyl,  $OCF_3$ , amino, aminoalkyl having 1 to 12 carbon atoms, aminoalkoxy having 1 to 12 carbon atoms, dialkylamino wherein each alkyl group has 1 to 12 carbon atoms, hydroxyalkyl having 1 to 12 carbon atoms (eg., hydroxymethyl), hydroxamic acid, pyrrolyl, tetrazole-5-yl, 2(-heterocycle)tetrazole-5-yl, tetrazole-5-yl), hydroxyalkoxy having 1 to 12 carbon atoms, carboxy, alkyl -O-CO- wherein the alkyl portion has 1 to 12 carbon atoms, alkoxy-carbonyl, cyano, acyl alkanoyl having 1 to 13 carbon atoms, aroyl having 7 to 15 carbon atoms, alkylthio having 1 to 12 carbon atoms, alkylsulfinyl having 1 to 12 carbon atoms, alkylsulfonyl having 1 to 12 carbon atoms, phenoxy, trialkylsilyloxy wherein each alkyl group has 1 to 12 carbon atoms,  $R^5$ -L-, or combinations thereof, or

heteroaryl having 5 to 10 ring atoms in which at least 1 ring atom is a heteroatom, which is unsubstituted or substituted one or more times by halogen, alkyl having 1 to 12 carbon atoms, hydroxy, alkoxy having 1 to 12 carbon atoms, alkoxyalkoxy wherein each alkoxy group has 1 to 12 carbon atoms, nitro, methylenedioxy, ethylenedioxy, trifluoromethyl,  $OCF_3$ , amino, aminoalkyl having 1 to 12 carbon atoms, aminoalkoxy

having 1 to 12 carbon atoms, dialkylamino wherein each alkyl group has 1 to 12 carbon atoms, hydroxyalkyl having 1 to 12 carbon atoms, hydroxamic acid, tetrazole-5-yl, hydroxyalkoxy having 1 to 12 carbon atoms, carboxy, alkyl -O-CO- wherein the alkyl portion has 1 to 12 carbon atoms, alkoxy, carbonyl, cyano, acyl, alkanoyl having 1 to 13 carbon atoms, aroyl having 7 to 15 carbon atoms, alkylthio having 1 to 12 carbon atoms, alkylsulfinyl having 1 to 12 carbon atoms, alkylsulfonyl having 1 to 12 carbon atoms, phenoxy, trialkylsilyloxy wherein each alkyl group has 1 to 12 carbon atoms, R<sup>5</sup>-L-, or combinations thereof;

R<sup>5</sup> is H,

alkyl having 1 to 8 carbon atoms, which is unsubstituted or substituted one or more times with halogen, C<sub>1-4</sub>-alkyl, C<sub>1-4</sub>-alkoxy, oxo, or combinations thereof,

alkylamino or dialkylamino wherein each alkyl portion has independently 1 to 8 carbon atoms,

a partially unsaturated carbocycle-alkyl group wherein the carbocyclic portion has 5 to 14 carbon atoms and the alkyl portion has 1 to 5 carbon atoms, which is unsubstituted or substituted, ~~preferably in the carbocyclic portion,~~ one or more times by halogen, alkyl having 1 to 12 carbon atoms, alkoxy having 1 to 12 carbon atoms, nitro, cyano, oxo, or combinations thereof,

cycloalkyl having 3 to 10 carbon atoms, which is unsubstituted or substituted one or more times by halogen, hydroxy, oxo, cyano, alkoxy having 1 to 12 carbon atoms, alkyl having 1 to 4 carbon atoms, or combinations thereof,

cycloalkylalkyl having 4 to 16 carbon atoms, which is unsubstituted or substituted in the cycloalkyl portion and/or the alkyl portion one or more times by halogen, oxo, cyano, hydroxy, alkyl having 1 to 12 carbon atoms, alkoxy having 1 to 12 carbon atoms or combinations thereof,

aryl having 6 to 14 carbon atoms and which is unsubstituted or substituted one or more times by halogen, alkyl having 1 to 12 carbon atoms, hydroxy, alkoxy having 1 to 12 carbon atoms, alkoxyalkoxy wherein each alkoxy group has 1 to 12 carbon atoms, nitro, methylenedioxy, ethylenedioxy, trifluoromethyl, amino, aminomethyl, aminoalkyl having 1 to 12 carbon atoms, aminoalkoxy having 1 to 12 carbon atoms, dialkylamino wherein each alkyl group has 1 to 12 carbon atoms, hydroxyalkyl having 1 to 12 carbon atoms, hydroxamic acid, tetrazole-5-yl, hydroxyalkoxy having 1 to 12 carbon atoms, carboxy, alkyl -O-CO- wherein the alkyl portion has 1 to 12 carbon atoms ~~alkoxy~~carbonyl, cyano, ~~acyl~~ alkanoyl having 1 to 13 carbon atoms, aroyl having 7 to 15 carbon atoms, alkylthio having 1 to 12 carbon atoms, alkylsulfinyl having 1 to 12 carbon atoms, alkylsulfonyl having 1 to 12 carbon atoms, phenoxy, cycloalkyl having 3 to 10 carbon atoms, aryl having 6 to 14 carbon atoms

which is substituted unsubstituted, heteroaryl having one or two rings and a total number of 5 to 10 ring atoms wherein at least one of the ring atoms is a heteroatom and which is substituted unsubstituted, or combinations thereof,

arylalkyl having 7 to 19 carbon atoms, wherein the aryl portion has 6 to 14 carbon atoms and the alkyl portion, which is branched or unbranched, has 1 to 5 carbon atoms, arylalkyl radical is unsubstituted or substituted, in the aryl portion, one or more times by halogen, trifluoromethyl, CF<sub>3</sub>O, nitro, amino, alkyl having 1 to 12 carbon atoms, alkoxy having 1 to 12 carbon atoms, amino, alkylamino having 1 to 12 carbon atoms, dialkylamino wherein each alkyl group has 1 to 12 carbon atoms and/or substituted in the alkyl portion by halogen, cyano, or methyl,

a heterocyclic group, which is saturated, partially saturated or unsaturated, having 5 to 10 ring atoms in which at least 1 ring atom is a N, O or S atom, which is unsubstituted or substituted one or more times by halogen, alkyl having 1 to 12 carbon atoms, hydroxy, alkoxy having 1 to 12 carbon atoms, alkoxyalkoxy wherein each alkoxy group has 1 to 12 carbon atoms, nitro, methylenedioxy, ethylenedioxy, trifluoromethyl, amino, aminomethyl, aminoalkyl having 1 to 12 carbon atoms, aminoalkoxy having 1 to 12 carbon atoms, dialkylamino wherein each alkyl group has 1 to 12 carbon atoms, hydroxyalkyl having 1 to 12 carbon atoms, hydroxamic acid, tetrazole-5-yl, hydroxyalkoxy having 1 to 12 carbon

atoms, carboxy, alkyl -O-CO- wherein the alkyl portion has 1 to 12 carbon atoms, alkoxy, carbonyl, cyano, acyl, alkanoyl having 1 to 13 carbon atoms, aroyl having 7 to 15 carbon atoms, alkylthio having 1 to 12 carbon atoms, alkylsulfinyl having 1 to 12 carbon atoms, alkylsulfonyl having 1 to 12 carbon atoms, phenoxy, or combinations thereof, or

a heterocycle-alkyl group, wherein the heterocyclic portion is saturated, partially saturated or unsaturated, and has 5 to 10 ring atoms in which at least 1 ring atom is a N, O or S atom, and the alkyl portion which is branched or unbranched and has 1 to 5 carbon atoms, the heterocycle-alkyl group is unsubstituted or substituted one or more times in the heterocyclic portion by halogen, alkyl having 1 to 12 carbon atoms, alkoxy having 1 to 12 carbon atoms, cyano, trifluoromethyl, CF<sub>3</sub>O, nitro, oxo, amino, alkylamino having 1 to 12 carbon atoms, dialkylamino wherein each alkyl group has 1 to 12 carbon atoms, or combinations thereof and/or substituted in the alkyl portion by halogen, cyano, or methyl or combinations thereof;

L is a single bond or a divalent aliphatic radical having 1 to 8 carbon atoms wherein one or more -CH<sub>2</sub>- groups are each optionally replaced by -O-, -S-, -SO-, -SO<sub>2</sub>-, -NR<sup>6</sup>-, -SO<sub>2</sub>NH-, -NH<sub>2</sub>SO<sub>2</sub>-, -SO<sub>2</sub>NR<sup>6</sup>-, -NR<sup>6</sup>SO<sub>2</sub>-, -CO-, -NR<sup>6</sup>CO-, -CONR<sup>6</sup>-, -NHCONH-, -OCONH-, -NHCOO-, -SCONH-, -SCSNH-, or -NHCSNH-; and

R<sup>6</sup> is H,

alkyl having 1 to 8 carbon atoms, which is branched or unbranched and which is unsubstituted or substituted one or more times with halogen, C<sub>1</sub>-<sub>4</sub>-alkyl, C<sub>1</sub>-<sub>4</sub>-alkoxy, oxo, or combinations thereof;

arylalkyl having 7 to 19 carbon atoms, wherein the aryl portion has 6 to 14 carbon atoms and the alkyl portion, which is branched or unbranched, has 1 to 5 carbon atoms, arylalkyl radical is unsubstituted or substituted, in the aryl portion, one or more times by halogen, trifluoromethyl, CF<sub>3</sub>O, nitro, amino, alkyl having 1 to 12 carbon atoms, alkoxy having 1 to 12 carbon atoms, alkylamino having 1 to 12 carbon atoms, dialkylamino wherein each alkyl group has 1 to 12 carbon atoms, and/or substituted in the alkyl portion by halogen, cyano, or methyl;

aryl having 6 to 14 carbon atoms and which is unsubstituted or substituted one or more times by halogen, alkyl having 1 to 12 carbon atoms, hydroxy, alkoxy having 1 to 12 carbon atoms, alkoxyalkoxy wherein each alkoxy group has 1 to 12 carbon atoms, nitro, methylenedioxy, ethylenedioxy, trifluoromethyl, amino, aminomethyl, aminoalkyl having 1 to 12 carbon atoms, aminoalkoxy having 1 to 12 carbon atoms, dialkylamino wherein each alkyl group has 1 to 12 carbon atoms, hydroxyalkyl having 1 to 12 carbon atoms, hydroxamic acid, tetrazole-5-yl, hydroxyalkoxy having 1 to 12 carbon atoms, carboxy, alkyl -O-CO- wherein the alkyl portion has 1 to 12 carbon atoms ~~alkoxycarbonyl~~, cyano, ~~acyl~~ alkanoyl having 1 to 13 carbon atoms, aroyl having 7 to 15

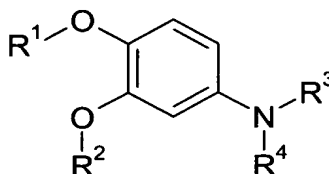
carbon atoms, alkylthio having 1 to 12 carbon atoms, alkylsulfinyl having 1 to 12 carbon atoms, or alkylsulfonyl having 1 to 12 carbon atoms,

~~wherein at least one of R<sup>3</sup> and R<sup>4</sup> is other than H; and~~

or a pharmaceutically acceptable salt salts thereof

with the proviso that R<sup>4</sup> is at least monosubstituted by R<sup>5</sup>-L in which R<sup>5</sup> is aryl or a heterocyclic group each being substituted by cycloalkyl, aryl or heteroaryl.

6. (Currently Amended): A compound according to Formula I:



wherein

R<sup>1</sup> is H or alkyl having 1 to 4 carbon atoms, which is branched or unbranched and which is unsubstituted or substituted one or more times by halogen;

R<sup>2</sup> is alkyl having 1 to 12 carbon atoms, which is branched or unbranched and which is unsubstituted or substituted one or more times by halogen, hydroxy, cyano, C<sub>1-4</sub>-alkoxy, oxo or combinations thereof, and wherein optionally one or more -CH<sub>2</sub>CH<sub>2</sub>- groups is replaced in each case by -CH=CH- or -C≡C-,

cycloalkyl having 3 to 10 carbon atoms, which is unsubstituted or substituted one or more times by halogen, hydroxy, oxo, cyano, alkyl



having 1 to 4 carbon atoms, alkoxy having 1 to 4 carbon atoms, or combinations thereof,

cycloalkylalkyl having 4 to 16 carbon atoms, which is unsubstituted or substituted in the cycloalkyl portion and/or the alkyl portion one or more times by halogen, oxo, cyano, hydroxy, C<sub>1-4</sub>-alkyl, C<sub>1-4</sub>-alkoxy or combinations thereof,

aryl having 6 to 14 carbon atoms, which is unsubstituted or substituted one or more times by halogen, CF<sub>3</sub>, OCF<sub>3</sub>, alkyl having 1 to 12 carbon atoms, hydroxy, alkoxy having 1 to 12 carbon atoms, nitro, methylenedioxy, ethylenedioxy, cyano, or combinations thereof,

arylalkyl in which the aryl portion has 6 to 14 carbon atoms and the alkyl portion, which is branched or unbranched, has 1 to 5 carbon atoms, which the arylalkyl radical is unsubstituted or is substituted in the aryl portion one or more times by halogen, CF<sub>3</sub>, OCF<sub>3</sub>, alkyl having 1 to 12 carbon atoms, hydroxy, alkoxy having 1 to 12 carbon atoms, nitro, cyano, methylenedioxy, ethylenedioxy, or combinations thereof, and wherein in the alkyl portion one or more -CH<sub>2</sub>CH<sub>2</sub>- groups are each optionally replaced by -CH=CH- or -C≡C-, and one or more -CH<sub>2</sub>- groups are each optionally replaced by -O- or -NH- and/or the alkyl portion is optionally substituted by halogen, oxo, hydroxy, cyano, or combinations thereof,

a partially unsaturated carbocyclic group having 5 to 14 carbon atoms, which is unsubstituted or substituted one or more times by halogen, alkyl having 1 to 12 carbon atoms, alkoxy having 1 to 12 carbon atoms, hydroxy, nitro, cyano, oxo, or combinations thereof,

a heterocyclic group, which is saturated, partially saturated or unsaturated, having 5 to 10 ring atoms in which at least 1 ring atom is a N, O or S atom, which is unsubstituted or substituted one or more times by halogen, hydroxy, aryl, alkyl having 1 to 12 carbon atoms, alkoxy having 1 to 12 carbon atoms, cyano, trifluoromethyl, nitro, oxo, or combinations thereof, or

a heterocycle-alkyl group, wherein the heterocyclic portion is saturated, partially saturated or unsaturated, and has 5 to 10 ring atoms in which at least 1 ring atom is a N, O or S atom, and the alkyl portion is branched or unbranched and has 1 to 5 carbon atoms, the heterocycle-alkyl group is unsubstituted or substituted one or more times in the heterocyclic portion by halogen, OCF<sub>3</sub>, hydroxy, aryl, alkyl having 1 to 12 carbon atoms, alkoxy having 1 to 12 carbon atoms, cyano, trifluoromethyl, nitro, oxo, or combinations thereof, wherein in the alkyl portion one or more -CH<sub>2</sub>CH<sub>2</sub>- groups are each optionally replaced by -CH=CH- or -C≡C-, and one or more -CH<sub>2</sub>- groups are each optionally replaced by -O- or -NH- and/or the alkyl portion is optionally substituted by halogen, oxo, hydroxy, cyano, or combinations thereof;

R<sup>3</sup> is H,

alkyl having 1 to 8, ~~preferably 1 to 4 carbon atoms~~, which is branched or unbranched and which is unsubstituted or substituted one or more times with halogen, cyano, C<sub>1-4</sub>-alkoxy, or combinations thereof,

a partially unsaturated carbocycle-alkyl group wherein the carbocyclic portion has 5 to 14 carbon atoms and the alkyl portion which is branched or unbranched has 1 to 5 carbon atoms, and which is unsubstituted or substituted in the carbocyclic portion one or more times by halogen, alkyl having 1 to 12 carbon atoms, alkoxy having 1 to 12 carbon atoms, nitro, cyano, oxo, or combinations thereof, and the alkyl portion is optionally substituted by halogen, C<sub>1-4</sub>-alkoxy, cyano or combinations thereof,

arylalkyl having 7 to 19 carbon atoms, wherein the aryl portion has 6 to 14 carbon atoms and the alkyl portion, which is branched or unbranched, has 1 to 5 carbon atoms, arylalkyl radical is unsubstituted or substituted, in the aryl portion, one or more times by halogen, trifluoromethyl, CF<sub>3</sub>O, nitro, amino, alkyl having 1 to 12 carbon atoms, alkoxy having 1 to 12 carbon atoms, alkylamino wherein the alkyl group has 1 to 12 carbon atoms, dialkylamino wherein each alkyl group has 1 to 12 carbon atoms and/or substituted in the alkyl portion by halogen, cyano, or methyl, or

heteroarylalkyl group, wherein the heteroaryl portion may be partially or fully saturated and has 5 to 10 ring atoms in which at least 1 ring atom is a

N, O or S atom, the alkyl portion, which is branched or unbranched, has 1 to 5 carbon atoms, the heteroarylalkyl group is unsubstituted or substituted one or more times in the heteroaryl portion by halogen, alkyl having 1 to 12 carbon atoms, alkoxy having 1 to 12 carbon atoms, cyano, trifluoromethyl, CF<sub>3</sub>O, nitro, oxo, amino, alkylamino wherein the alkyl group has 1 to 12 carbon atoms, dialkylamino wherein each alkyl group has 1 to 12 carbon atoms, or combinations thereof and/or substituted in the alkyl portion by halogen, cyano, or methyl or combinations thereof;

R<sup>4</sup> is aryl having 6 to 14 carbon atoms and which is unsubstituted or substituted one or more times by halogen, alkyl having 1 to 12 carbon atoms, alkenyl having 2 to 12 carbon atoms, alkynyl having 2 to 12 carbon atoms, hydroxy, alkoxy having 1 to 12 carbon atoms, alkoxyalkoxy wherein each alkoxy group has 1 to 12 carbon atoms, nitro, methylenedioxy, ethylenedioxy, trifluoromethyl, OCF<sub>3</sub>, amino, aminoalkyl having 1 to 12 carbon atoms, aminoalkoxy having 1 to 12 carbon atoms, dialkylamino wherein each alkyl group has 1 to 12 carbon atoms, hydroxyalkyl having 1 to 12 carbon atoms (eg., hydroxymethyl), hydroxamic acid, pyrrolyl, tetrazole-5-yl, 2(-heterocycle)tetrazole-5-yl tetrazole-5-yl), hydroxyalkoxy having 1 to 12 carbon atoms, carboxy, alkyl -O-CO- wherein the alkyl portion has 1 to 12 carbon atoms ~~alkoxy carbonyl~~, cyano, acyl alkanoyl having 1 to 13 carbon atoms, aroyl having 7 to 15 carbon atoms, alkylthio having 1 to 12 carbon atoms, alkylsulfinyl having 1 to 12 carbon atoms, alkylsulfonyl having 1 to 12

carbon atoms, phenoxy, trialkylsilyloxy wherein each alkyl group has 1 to 12 carbon atoms, R<sup>5</sup>-L-, or combinations thereof, or

heteroaryl having 5 to 10 ring atoms in which at least 1 ring atom is a heteroatom, which is unsubstituted or substituted one or more times by halogen, alkyl having 1 to 12 carbon atoms, hydroxy, alkoxy having 1 to 12 carbon atoms, alkoxyalkoxy wherein each alkoxy group has 1 to 12 carbon atoms, nitro, methylenedioxy, ethylenedioxy, trifluoromethyl, OCF<sub>3</sub>, amino, aminoalkyl having 1 to 12 carbon atoms, aminoalkoxy having 1 to 12 carbon atoms, dialkylamino wherein each alkyl group has 1 to 12 carbon atoms, hydroxyalkyl having 1 to 12 carbon atoms, hydroxamic acid, tetrazole-5-yl, hydroxyalkoxy having 1 to 12 carbon atoms, carboxy, alkyl -O-CO- wherein the alkyl portion has 1 to 12 carbon atoms ~~alkoxy~~carbonyl, cyano, ~~acyl~~ alkanoyl having 1 to 13 carbon atoms, aroyl having 7 to 15 carbon atoms, alkylthio having 1 to 12 carbon atoms, alkylsulfinyl having 1 to 12 carbon atoms, alkylsulfonyl having 1 to 12 carbon atoms, phenoxy, trialkylsilyloxy wherein each alkyl group has 1 to 12 carbon atoms, R<sup>5</sup>-L-, or combinations thereof;

R<sup>5</sup> is H,

alkyl having 1 to 8 carbon atoms, which is unsubstituted or substituted one or more times with halogen, C<sub>1-4</sub>-alkyl, C<sub>1-4</sub>-alkoxy, oxo, or combinations thereof,

alkylamino or dialkylamino wherein each alkyl portion has independently 1 to 8 carbon atoms,

a partially unsaturated carbocycle-alkyl group wherein the carbocyclic portion has 5 to 14 carbon atoms and the alkyl portion has 1 to 5 carbon atoms, which is unsubstituted or substituted, ~~preferably in the carbocyclic portion,~~ one or more times by halogen, alkyl having 1 to 12 carbon atoms, alkoxy having 1 to 12 carbon atoms, nitro, cyano, oxo, or combinations thereof,

cycloalkyl having 3 to 10 carbon atoms, which is unsubstituted or substituted one or more times by halogen, hydroxy, oxo, cyano, alkoxy having 1 to 12 carbon atoms, alkyl having 1 to 4 carbon atoms, or combinations thereof,

cycloalkylalkyl having 4 to 16 carbon atoms, which is unsubstituted or substituted in the cycloalkyl portion and/or the alkyl portion one or more times by halogen, oxo, cyano, hydroxy, alkyl having 1 to 12 carbon atoms, alkoxy having 1 to 12 carbon atoms or combinations thereof,

aryl having 6 to 14 carbon atoms and which is unsubstituted or substituted one or more times by halogen, alkyl having 1 to 12 carbon atoms, hydroxy, alkoxy having 1 to 12 carbon atoms, alkoxyalkoxy wherein each alkoxy group has 1 to 12 carbon atoms, nitro, methylenedioxy, ethylenedioxy, trifluoromethyl, amino, aminomethyl, aminoalkyl having 1

to 12 carbon atoms, aminoalkoxy having 1 to 12 carbon atoms,  
dialkylamino wherein each alkyl group has 1 to 12 carbon atoms,  
hydroxyalkyl having 1 to 12 carbon atoms, hydroxamic acid, tetrazole-5-  
yl, hydroxyalkoxy having 1 to 12 carbon atoms, carboxy, alkyl -O-CO-  
wherein the alkyl portion has 1 to 12 carbon atoms alkoxy, carbonyl,  
cyano, ~~acyl~~ alkanoyl having 1 to 13 carbon atoms, aroyl having 7 to 15  
carbon atoms, alkylthio having 1 to 12 carbon atoms, alkylsulfinyl having  
1 to 12 carbon atoms, alkylsulfonyl having 1 to 12 carbon atoms, phenoxy,  
cycloalkyl having 3 to 10 carbon atoms, aryl having 6 to 14 carbon atoms  
which is substituted unsubstituted, heteroaryl having one or two rings and  
a total number of 5 to 10 ring atoms wherein at least one of the ring atoms  
is a heteroatom and which is substituted unsubstituted, or combinations  
thereof,

arylalkyl having 7 to 19 carbon atoms, wherein the aryl portion has 6 to 14  
 carbon atoms and the alkyl portion, which is branched or unbranched, has  
 1 to 5 carbon atoms, arylalkyl radical is unsubstituted or substituted, in the  
 aryl portion, one or more times by halogen, trifluoromethyl, CF<sub>3</sub>O, nitro,  
 amino, alkyl having 1 to 12 carbon atoms, alkoxy having 1 to 12 carbon  
atoms, amino, alkylamino having 1 to 12 carbon atoms, dialkylamino  
wherein each alkyl group has 1 to 12 carbon atoms and/or substituted in  
 the alkyl portion by halogen, cyano, or methyl,

a heterocyclic group, which is saturated, partially saturated or unsaturated, having 5 to 10 ring atoms in which at least 1 ring atom is a N, O or S atom, which is unsubstituted or substituted one or more times by halogen, alkyl having 1 to 12 carbon atoms, hydroxy, alkoxy having 1 to 12 carbon atoms, alkoxyalkoxy wherein each alkoxy group has 1 to 12 carbon atoms, nitro, methylenedioxy, ethylenedioxy, trifluoromethyl, amino, aminomethyl, aminoalkyl having 1 to 12 carbon atoms, aminoalkoxy having 1 to 12 carbon atoms, dialkylamino wherein each alkyl group has 1 to 12 carbon atoms, hydroxyalkyl having 1 to 12 carbon atoms, hydroxamic acid, tetrazole-5-yl, hydroxyalkoxy having 1 to 12 carbon atoms, carboxy, alkyl -O-CO- wherein the alkyl portion has 1 to 12 carbon atoms ~~alkoxy~~carbonyl, cyano, ~~acyl~~ alkanoyl having 1 to 13 carbon atoms, aroyl having 7 to 15 carbon atoms, alkylthio having 1 to 12 carbon atoms, alkylsulfinyl having 1 to 12 carbon atoms, alkylsulfonyl having 1 to 12 carbon atoms, phenoxy, or combinations thereof, or

a heterocycle-alkyl group, wherein the heterocyclic portion is saturated, partially saturated or unsaturated, and has 5 to 10 ring atoms in which at least 1 ring atom is a N, O or S atom, and the alkyl portion which is branched or unbranched and has 1 to 5 carbon atoms, the heterocycle-alkyl group is unsubstituted or substituted one or more times in the heterocyclic portion by halogen, alkyl having 1 to 12 carbon atoms, alkoxy having 1 to 12 carbon atoms, cyano, trifluoromethyl, CF<sub>3</sub>O, nitro, oxo, amino, alkylamino having 1 to 12 carbon atoms, dialkylamino wherein each alkyl



group has 1 to 12 carbon atoms, or combinations thereof and/or substituted in the alkyl portion by halogen, cyano, or methyl or combinations thereof;

L is a single bond or a divalent aliphatic radical having 1 to 8 carbon atoms wherein one or more -CH<sub>2</sub>- groups are each optionally replaced by -O-, -S-, -SO-, -SO<sub>2</sub>-, -NR<sup>6</sup>-, -SO<sub>2</sub>NH-, -NHSO<sub>2</sub>-, -SO<sub>2</sub>NR<sup>6</sup>-, -NR<sup>6</sup>SO<sub>2</sub>-, -CO-, -NR<sup>6</sup>CO-, -CONR<sup>6</sup>-, -NHCONH-, -OCONH-, -NHCOO-, -SCONH-, -SCSNH-, or -NHCSNH-; and

R<sup>6</sup> is H,

alkyl having 1 to 8 carbon atoms, which is branched or unbranched and which is unsubstituted or substituted one or more times with halogen, C<sub>1</sub>-<sub>4</sub>-alkyl, C<sub>1</sub>-<sub>4</sub>-alkoxy, oxo, or combinations thereof;

arylalkyl having 7 to 19 carbon atoms, wherein the aryl portion has 6 to 14 carbon atoms and the alkyl portion, which is branched or unbranched, has 1 to 5 carbon atoms, arylalkyl radical is unsubstituted or substituted, in the aryl portion, one or more times by halogen, trifluoromethyl, CF<sub>3</sub>O, nitro, amino, alkyl having 1 to 12 carbon atoms, alkoxy having 1 to 12 carbon atoms, alkylamino having 1 to 12 carbon atoms, dialkylamino wherein each alkyl group has 1 to 12 carbon atoms, and/or substituted in the alkyl portion by halogen, cyano, or methyl;

aryl having 6 to 14 carbon atoms and which is unsubstituted or substituted one or more times by halogen, alkyl having 1 to 12 carbon atoms, hydroxy, alkoxy having 1 to 12 carbon atoms, alkoxyalkoxy wherein each alkoxy group has 1 to 12 carbon atoms, nitro, methylenedioxy, ethylenedioxy, trifluoromethyl, amino, aminomethyl, aminoalkyl having 1 to 12 carbon atoms, aminoalkoxy having 1 to 12 carbon atoms, dialkylamino wherein each alkyl group has 1 to 12 carbon atoms, hydroxyalkyl having 1 to 12 carbon atoms, hydroxamic acid, tetrazole-5-yl, hydroxyalkoxy having 1 to 12 carbon atoms, carboxy, alkyl -O-CO- wherein the alkyl portion has 1 to 12 carbon atoms ~~alkoxy~~carbonyl, cyano, ~~aryl~~ alkanoyl having 1 to 13 carbon atoms, aroyl having 7 to 15 carbon atoms, alkylthio having 1 to 12 carbon atoms, alkylsulfinyl having 1 to 12 carbon atoms, or alkylsulfonyl having 1 to 12 carbon atoms,

~~wherein at least one of R<sup>3</sup> and R<sup>4</sup> is other than H; and~~

~~or a pharmaceutically acceptable salt~~ salts thereof

with the proviso that R<sup>4</sup> is at least monosubstituted by R<sup>5</sup>-L in which L is ~~a single bond or a divalent aliphatic radical having 1 to 8 carbon atoms wherein at least one -CH<sub>2</sub>- group is replaced by -SO- or -SO<sub>2</sub>-~~ -SO-, -SO<sub>2</sub>-, -CONR<sup>6</sup>SO<sub>2</sub>-, -SO<sub>2</sub>NR<sup>6</sup>CO-, or -SO<sub>2</sub>NR<sup>6</sup>-, with the further proviso that when R<sup>4</sup> is at least monosubstituted by R<sup>5</sup>-L in which L is -SO<sub>2</sub>NR<sup>6</sup>-, then R<sup>6</sup> is other than H.

7. (Original): A compound selected from:

3,4-Bisdifluoromethoxy-N-(3-carboxyphenyl)-N-(5-(2-chloropyridylmethyl))aniline,

3,4-Bisdifluoromethoxy-N-(3-carboxyphenyl)-N-(3-(2-chloropyridylmethyl))aniline,  
 3,4-Bisdifluoromethoxy-N-(3-carboxyphenyl)-N-(4-(3,5-dimethylisoxazolymethyl))-  
 aniline,  
 3-Cyclopentyloxy-4-methoxy-N-(3-aminocarbonylphenyl)-N-(3-pyridylmethyl)aniline,  
 3,4-Bisdifluoromethoxy-N-(3-carboxyphenyl)-N-(5-(4-chloropyridylmethyl))aniline,  
 3,4-Bisdifluoromethoxy-N-(3-carboxy-4-chlorophenyl)-N-(3-pyridylmethyl)aniline,  
 3,4-Bisdifluoromethoxy-N-(4-(1-pyrrol-1-yl)phenyl)-N-(3-pyridylmethyl)aniline,  
 3,4-Bisdifluoromethoxy-N-(3-carboxyphenyl)-N-(5-(4-methoxypyridylmethyl))aniline,  
 3-Cyclopentyloxy-4-methoxy-N-phenyl-N-(3-(2-ethoxypyridylmethyl))aniline,  
 3-Cyclopentyloxy-4-methoxy-N-(3-methylaminocarbonylphenyl)-N-(3-pyridylmethyl)-  
 aniline,  
 3-Cyclopentyloxy-4-methoxy-N-(3-(2-hydroxyethyl)aminocarbonylphenyl)-N-(3-  
 pyridylmethyl)aniline,  
 3-Cyclopentyloxy-4-methoxy-N-(4-carboxyphenyl)-N-(5-(4-chloropyridylmethyl))-  
 aniline,  
 3,4-Bisdifluoromethoxy-N-(3-carboxyphenyl)-N-(4-(3,5-dichloropyridylmethyl))aniline,  
 3-Cyclopentyloxy-4-methoxy-N-cyclohexylaniline,  
 3-Cyclopentyloxy-4-hydroxy-N-(3-*tert*-butyloxycarbonylphenyl)-N-(3-pyridylmethyl))-  
 aniline,  
 3-Cyclopentyloxy-4-hydroxy-N-(3-carboxyphenyl)-N-(3-pyridylmethyl))aniline,  
 3-Cyclopentyloxy-4-methoxy-N-(3-*tert*-butyloxycarbonylphenyl)-N-(3-pyridylmethyl))-  
 aniline,

4-Methoxy-3-(*R*)-tetrahydrofuryloxy-N-(3-carboxy-4-chlorophenyl)-N-(3-pyridylmethyl)aniline,

3-Cyclopentyloxy-4-methoxy-N-(3-carboxyphenyl)-N-(4-(3-chloropyridylmethyl))-aniline,

3-Cyclopentyloxy-4-methoxy-N-phenyl-N-(4-(3-chloropyridylmethyl)aniline,

4-Methoxy-3-(*R*)-tetrahydrofuryloxy-N-(3-carboxyphenyl)-N-(4-pyridylmethyl)aniline,

4-Methoxy-3-(*R*)-tetrahydrofuryloxy-N-(3-pyridyl)-N-(4-pyridylmethyl)aniline,

3-Cyclopentyloxy-4-methoxy-N-(4-carboxyphenyl)-N-(4-pyridylmethyl)aniline,

3-Cyclopentyloxy-4-methoxy-N-(4-carboxy-3-chlorophenyl)-N-(3-pyridylmethyl)aniline,

3-Cyclopentyloxy-4-methoxy-N-(4-carboxy-3-methylphenyl)-N-(3-pyridylmethyl)-aniline,

3-Cyclopentyloxy-4-methoxy-N-(4-carboxy-3-fluorophenyl)-N-(3-pyridylmethyl)aniline,

3-Cyclopentyloxy-4-methoxy-N-(3-carboxy-4-chlorophenyl)-N-(3-pyridylmethyl)aniline,

3-Cyclopentyloxy-4-methoxy-N-(3-carboxy-4-fluorophenyl)-N-(3-pyridylmethyl)aniline,

3-Cyclopentyloxy-4-methoxy-N-(3-carboxyphenyl)-N-(4-(3,5-dichloropyridylmethyl))-aniline,

3-Cyclopentyloxy-4-methoxy-N-(4-carboxyphenyl)-N-(4-(3,5-dichloropyridylmethyl))-aniline,

3-Cyclopentyloxy-4-methoxy-N-(4-carboxyphenyl)-N-(4-(3-chloropyridylmethyl))-aniline,

4-Methoxy-3-(*R*)-tetrahydrofuryloxy-N-(4-carboxyphenyl)-N-(4-(3,5-dichloropyridylmethyl))aniline,

4-Methoxy-3-(*R*)-tetrahydrofuryloxy-N-(3-carboxyphenyl)-N-(4-(3,5-dichloropyridylmethyl))aniline,

3-Cyclopentyloxy-4-methoxy-N-(3-carboxy-4-methoxyphenyl)-N-(3-pyridylmethyl)-aniline,

3-Cyclopentyloxy-4-methoxy-N-(3-carboxy-4-methylphenyl)-N-(3-pyridylmethyl)-aniline,

3-Cyclopentyloxy-4-methoxy-N-(4-amino-3-carboxyphenyl)-N-(3-pyridylmethyl)aniline,

3-Cyclopentyloxy-4-methoxy-N-(3-carboxy-4-trifluoromethylphenyl)-N-(3-pyridylmethyl)aniline,

3-Cyclopentyloxy-4-methoxy-N-(4-acetamido-3-carboxyphenyl)-N-(3-pyridylmethyl)aniline,

3-Cyclopentyloxy-4-methoxy-N-(4-(*N,N*-bis(2,4-dimethoxy)benzyl)-aminosulfonylphenyl)-N-(3-pyridylmethyl)aniline,

Methyl N-(3-cyclopentyloxy-4-methoxyphenyl)-N-(3-pyridylmethyl)-3-aminobenzoate,

N-(4-Methoxy-3-(3*R*)-tetrahydrofuranyloxyphenyl)-N-(3-pyridylmethyl)-4-bromoaniline,

N-(4-Methoxy-3-(3*R*)-tetrahydrofuranyloxyphenyl)-N-(3-pyridylmethyl)-4-(*N*-piperidinylmethyl)aniline,

N-(4-Methoxy-3-(3*R*)-tetrahydrofuranyloxyphenyl)-N-(3-pyridylmethyl)-4-(*N*-morpholinomethyl)aniline,

N-(4-Methoxy-3-(3*R*)-tetrahydrofuranyloxyphenyl)-N-(3-pyridylmethyl)-4-(*N,N*-diethylamino)methyl)aniline,

N-(4-Methoxy-3-(3R)-tetrahydrofuranyloxyphenyl)-N-(3-pyridylmethyl)-3-methylthioaniline,  
 N-(4-Methoxy-3-(3R)-tetrahydrofuranyloxyphenyl)-N-(3-pyridylmethyl)-4-methylthioaniline,  
 N-(3-(2-Hydroxy)cyclopentyloxy-4-methoxyphenyl)-N-(3-pyridylmethyl)-3-aminobenzoic acid,  
 N-(3-Cyclopentyloxy-4-methoxyphenyl)-N-(3-pyridylmethyl)-2-aminoisonicotinic acid,  
 N-(3-Hydroxy-4-methoxyphenyl)-N-(3-pyridylmethyl)-3-aminobenzoic acid,  
 N-[3-(3-Hydroxy)cyclopentyloxy-4-methoxyphenyl]-N-(3-pyridylmethyl)-3-aminobenzoic acid,  
 N-(4-Methoxy-3-(3R)-tetrahydrofuranyloxyphenyl)-N-(3-pyridylmethyl)-4-amino-2-chlorobenzoic acid,  
 N-(3,4-Bis-difluoromethoxyphenyl)-N-(3-pyridylmethyl)-4-aminobenzoic acid,  
 N-(4-Methoxy-3-(3R)-tetrahydrofuranyloxyphenyl)-N-(3-pyridylmethyl)-3-amino-6-methylbenzoic acid,  
 N-(4-Methoxy-3-(3R)-tetrahydrofuranyloxyphenyl)-N-(3-pyridylmethyl)-4-aminobenzoic acid,  
 N-(4-Methoxy-3-(3R)-tetrahydrofuranyloxyphenyl)-N-(5-fluoro-3-pyridylmethyl)-4-aminobenzoic acid,  
 N-(4-Methoxy-3-(3R)-tetrahydrofuranyloxyphenyl)-N-(5-(1,3-dimethylpyrazolylmethyl)-3-aminobenzoic acid,  
 N-(4-Methoxy-3-(3R)-tetrahydrofuranyloxyphenyl)-N-(3-pyridylmethyl)-5-trifluoromethyl-3-aminobenzoic acid,

N-(4-Methoxy-3-(3R)-tetrahydrofuranyloxyphenyl)-N-(3-pyridylmethyl)-6-trifluoromethyl-3-aminobenzoic acid,  
 N-(4-Difluoromethoxy-3-(3R)-tetrahydrofuranyloxyphenyl)-N-(3-pyridylmethyl)-4-aminobenzoic acid,  
 N-(3-Cyclopentoxy-4-methoxyphenyl)-N-(5-fluoro-3-pyridylmethyl)-3-aminobenzoic acid,  
 N-(3-Cyclopentoxy-4-methoxyphenyl)-N-(5-fluoro-3-pyridylmethyl)-4-aminobenzoic acid,  
 N-(4-Difluoromethoxy-3-(3R)-tetrahydrofuranyloxyphenyl)-N-(3-pyridylmethyl)-3-aminobenzoic acid,  
 N-(3-Cyclobutyloxy-4-methoxyphenyl)-N-(3-pyridylmethyl)-3-aminobenzoic acid,  
 N-(3-Cyclohexyloxy-4-methoxyphenyl)-N-(3-pyridylmethyl)-3-aminobenzoic acid,  
 N-(3-Cycloheptyloxy-4-methoxyphenyl)-N-(3-pyridylmethyl)-3-aminobenzoic acid,  
 N-(4-Methoxy-3-(4-pyranyloxy)phenyl)-N-(3-pyridylmethyl)-3-aminobenzoic acid,  
 N-(3-[2.2.2-Bicyclooctanyl]oxy-4-methoxyphenyl)-N-(3-pyridylmethyl)-3-aminobenzoic acid,  
 N-(3-Cyclopentoxy-4-methoxyphenyl)-N-(2,6-difluorobenzyl)-3-aminobenzoic acid,  
 N-(3-Cyclopentoxy-4-methoxyphenyl)-N-(4-(3,5-dimethylisoxazolyl))-3-aminobenzoic acid,  
 N-(3-Cyclopentyloxy-4-methoxyphenyl)-N-(3-pyridylmethyl)-3-amino-5-fluorobenzoic acid,  
 N-(3-Cyclopentyloxy-4-difluoromethoxyphenyl)-N-(3-pyridylmethyl)-3-amino-5-fluorobenzoic acid,

N-(3,4-Bis-difluoromethoxyphenyl)-N-(3-pyridylmethyl)-3-amino-5-fluorobenzoic acid,  
 N-(3-Cyclobutyloxy-4-methoxyphenyl)-N-(3-pyridylmethyl)-4-aminobenzoic acid,  
 N-(3-Cyclohexyloxy-4-methoxyphenyl)-N-(3-pyridylmethyl)-4-aminobenzoic acid,  
 N-(4-Methoxy-3-(2-(2-Pyridylethoxy))phenyl)-N-(3-pyridylmethyl)-4-aminobenzoic acid,  
 N-(3,4-Dimethoxyphenyl)-N-(3-pyridylmethyl)-4-aminobenzoic acid,  
 N-(3-Ethoxy-4-methoxyphenyl)-N-(3-pyridylmethyl)-4-aminobenzoic acid,  
 N-(3-Isopropoxy-4-methoxyphenyl)-N-(3-pyridylmethyl)-4-aminobenzoic acid,  
 N-(3-Cyclopentyloxy-4-methoxyphenyl)-N-(2-(3-pyridylethyl))-3-aminobenzoic acid,  
 N-(4-Methoxy-3-(3R)-tetrahydrofuranlyoxyphenyl)-N-(3-pyridylmethyl)-3-chloro-4-(5-(2H)-tetrazolyl)aniline,  
 N-(3-Cyclopentyloxy-4-methoxyphenyl)-N-(3-pyridylmethyl)-3-chloro-4-(5-(2H)-tetrazolyl)aniline,  
 N-(4-Methoxy-3-(3R)-tetrahydrofuranlyoxyphenyl)-N-(4-(3,5-dichloropyridyl)methyl)-4-(5-(2H)-tetrazolyl)aniline,  
 N-(4-Methoxy-3-(3R)-tetrahydrofuranlyoxyphenyl)-N-(3-pyridylmethyl)-4-(4-morpholinyl)aniline,  
 N-(4-Methoxy-3-(3R)-tetrahydrofuranlyoxyphenyl)-N-(3-pyridylmethyl)-4-(4-N-methyl-1-piperazinyl)aniline,  
 N-(4-Methoxy-3-(3R)-tetrahydrofuranlyoxyphenyl)-N-(3-pyridylmethyl)-4-(1-piperazinyl)aniline,  
 N-(4-Methoxy-3-(3R)-tetrahydrofuranlyoxyphenyl)-N-(3-pyridylmethyl)-4-(N,N-diethylamino)aniline,



N-(4-Methoxy-3-(3R)-tetrahydrofuranyloxyphenyl)-N-(3-pyridylmethyl)-4-methanesulfonylaniline,  
 N-(4-methoxy-3-(3R)-tetrahydrofuranyloxyphenyl)-N-(3-pyridylmethyl)-3-methylsulfonylaniline,  
 N-(3-Cyclopropylmethoxy-4-methoxyphenyl)-N-(3-pyridylmethyl)-4-aminobenzoic acid,  
 N-(4-Methoxy-3-(3R)-tetrahydrofuranyloxyphenyl)-N-(5-chloro-3-pyridylmethyl)-3-aminobenzoic acid,  
 N-(4-Methoxy-3-(3R)-tetrahydrofuranyloxyphenyl)-N-(3-fluorobenzyl)-4-aminobenzoic acid,  
 N-(3-Cyclopentyloxy-4-difluoromethoxyphenyl)-N-(3-pyridylmethyl)-4-aminobenzoic acid,  
 N-(3,4-Dimethoxyphenyl)-N-(3-pyridylmethyl)-3-aminobenzoic acid,  
 N-(3-Ethoxy-4-methoxyphenyl)-N-(3-pyridylmethyl)-3-aminobenzoic acid,  
 N-[4-Methoxy-3-(1-propyl)oxyphenyl]-N-(3-pyridylmethyl)-3-aminobenzoic acid,  
 N-[4-Methoxy-3-(2-propyl)oxyphenyl]-N-(3-pyridylmethyl)-3-aminobenzoic acid,  
 N-(3-Cyclopropylethoxy-4-methoxyphenyl)-N-(3-pyridylmethyl)-3-aminobenzoic acid,  
 N-(3-Cyclobutylmethoxy-4-methoxyphenyl)-N-(3-pyridylmethyl)-3-aminobenzoic acid,  
 N-(4-Difluoromethoxy-3-(3R)-tetrahydrofuranyloxyphenyl)-N-(3-pyridylmethyl)-3-hydroxymethylaniline,  
 N-(4-Methoxy-3-(3R)-tetrahydrofuranyloxyphenyl)-N-(3-pyridylmethyl)-4-hydroxymethylaniline,  
 N-(4-Methoxy-3-(3R)-tetrahydrofuranyloxyphenyl)-N-(3-pyridylmethyl)-4-(4-piperidinyl)sulfonylaniline,

N-(3-Cyclopentyloxy-4-methoxyphenyl)-N-(3-pyridylmethyl)-3-methylsulfonylaminocarbonylaniline,

N-(3-Cyclopentyloxy-4-methoxyphenyl)-N-(3-pyridylmethyl)-3-(2-methylphenyl)sulfonylaminocarbonylaniline,

N-(3-Cyclopentyloxy-4-methoxyphenyl)-N-(3-pyridylmethyl)-3-phenylsulfonylaminocarbonylaniline,

N-(3-Cyclopentyloxy-4-methoxyphenyl)-N-(3-pyridylmethyl)-4-phenylsulfonylaminocarbonylaniline,

N-(3-Cyclopentyloxy-4-methoxyphenyl)-N-(3-pyridylmethyl)-4-methylsulfonylaminocarbonylaniline,

N-(4-Methoxy-3-(3R)-tetrahydrofuranyloxyphenyl)-N-(3-pyridylmethyl)-4-(4-fluorophenyl)sulfonylaminocarbonylaniline,

N-(4-Methoxy-3-(3R)-tetrahydrofuranyloxyphenyl)-N-(4-(3,5-dichloropyridylmethyl)-4-phenylsulfonylaminocarbonylaniline,

N-(4-Methoxy-3-(3R)-tetrahydrofuranyloxyphenyl)-N-(4-(3,5-dichloropyridylmethyl)-4-methylsulfonylaminocarbonylaniline,

N-(4-Methoxy-3-(3R)-tetrahydrofuranyloxyphenyl)-N-(3-pyridylmethyl)-4-ethylsulfonylaminocarbonylaniline,

N-(4-Methoxy-3-(3R)-tetrahydrofuranyloxyphenyl)-N-(3-pyridylmethyl)-4-(2-fluorophenyl)sulfonylaminocarbonylaniline,

N-(4-Methoxy-3-(3R)-tetrahydrofuranyloxyphenyl)-N-(3-pyridylmethyl)-4-(4-methoxyphenyl)sulfonylaminocarbonylaniline,

N-(4-Methoxy-3-(3R)-tetrahydrofuranyloxyphenyl)-N-(3-pyridylmethyl)-4-(3-chlorophenyl)sulfonylaminocarbonylaniline

chlorophenyl)sulfonylaminocarbonylaniline,

N-(4-Difluoromethoxy-3-(3R)-tetrahydrofuranyloxyphenyl)-N-(3-pyridylmethyl)-4-methylsulfonylaminocarbonylaniline,

N-(4-Difluoromethoxy-3-(3R)-tetrahydrofuranyloxyphenyl)-N-(3-pyridylmethyl)-4-phenylsulfonylaminocarbonylaniline,

N-(4-Methoxy-3-(3R)-tetrahydrofuranyloxyphenyl)-N-(3-pyridylmethyl)-4-phenylsulfonylaminocarbonylaniline,

N-(3-Cyclopentyloxy-4-methoxyphenyl)-N-(5-fluoro-3-pyridylmethyl)-3-(4-fluorophenyl)sulfonylaminocarbonylaniline,

N-(4-Difluoromethoxy-3-(3R)-tetrahydrofuranyloxyphenyl)-N-(3-pyridylmethyl)-3-methylsulfonylaminocarbonylaniline,

N-(4-Difluoromethoxy-3-(3R)-tetrahydrofuranyloxyphenyl)-N-(3-pyridylmethyl)-3-phenylsulfonylaminocarbonylaniline,

N-(4-Difluoromethoxy-3-(3R)-tetrahydrofuranyloxyphenyl)-N-(3-pyridylmethyl)-4-(3-chlorophenyl)sulfonylaminocarbonylaniline,

N-(4-Difluoromethoxy-3-(3R)-tetrahydrofuranyloxyphenyl)-N-(3-pyridylmethyl)-4-(2-fluorophenyl)sulfonylaminocarbonylaniline,

N-(4-Difluoromethoxy-3-(3R)-tetrahydrofuranyloxyphenyl)-N-(3-pyridylmethyl)-4-(2,4-difluorophenyl)sulfonylaminocarbonylaniline,

N-(4-Difluoromethoxy-3-(3R)-tetrahydrofuranyloxyphenyl)-N-(3-pyridylmethyl)-4-(3,4-difluorophenyl)sulfonylaminocarbonylaniline,

N-(4-Difluoromethoxy-3-(3R)-tetrahydrofuranyloxyphenyl)-N-(3-pyridylmethyl)-4-(1,1-dimethylethyl)sulfonylaminocarbonylaniline,

N-(4-Difluoromethoxy-3-(3R)-tetrahydrofuranyloxyphenyl)-N-(3-pyridylmethyl)-4-(5-chloro-2-thienyl)sulfonylaminocarbonylaniline,

N-(4-Difluoromethoxy-3-(3R)-tetrahydrofuranyloxyphenyl)-N-(3-pyridylmethyl)-4-(3-thienyl)sulfonylaminocarbonylaniline,

N-(3,4-Bisdifluoromethoxy-3-(3R)-tetrahydrofuranyloxyphenyl)-N-(3-pyridylmethyl)-4-(4-fluorophenyl)sulfonylaminocarbonylaniline,

N-(3,4-Bisdifluoromethoxy-3-(3R)-tetrahydrofuranyloxyphenyl)-N-(3-pyridylmethyl)-4-(3-fluorophenyl)sulfonylaminocarbonylaniline,

N-(3,4-Bisdifluoromethoxy-3-(3R)-tetrahydrofuranyloxyphenyl)-N-(3-pyridylmethyl)-4-(3-chlorophenyl)sulfonylaminocarbonylaniline,

N-(4-Difluoromethoxy-3-(3R)-tetrahydrofuranyloxyphenyl)-N-(3-pyridylmethyl)-4-(3-cyanophenyl)sulfonylaminocarbonylaniline,

N-(4-Difluoromethoxy-3-(3R)-tetrahydrofuranyloxyphenyl)-N-(3-pyridylmethyl)-4-(4-fluorophenyl)sulfonylaminocarbonylaniline,

N-(4-Difluoromethoxy-3-(3R)-tetrahydrofuranyloxyphenyl)-N-(3-pyridylmethyl)-4-(2-thienyl)sulfonylaminocarbonylaniline,

N-(4-Difluoromethoxy-3-(3R)-tetrahydrofuranyloxyphenyl)-N-(3-pyridylmethyl)-4-(3-fluorophenyl)sulfonylaminocarbonylaniline,

N-(4-Methoxy-3-(3R)-tetrahydrofuranyloxyphenyl)-N-(3-pyridylmethyl)-4-(3-cyanophenyl)sulfonylaminocarbonylaniline,

N-(4-Methoxy-3-(3R)-tetrahydrofuranyloxyphenyl)-N-(2,6-difluorobenzyl)-4-(4-fluorophenyl)sulfonylaminocarbonylaniline,

N-(4-Methoxy-3-(3R)-tetrahydrofuranyloxyphenyl)-N-(3-pyridylmethyl)-4-(3-fluorophenyl)sulfonylaminocarbonylaniline

fluorophenyl)sulfonylaminocarbonylaniline,

N-(4-Methoxy-3-(3R)-tetrahydrofuranyloxyphenyl)-N-(3-pyridylmethyl)-4-(2,4-difluorophenyl)sulfonylaminocarbonylaniline,

N-(4-Methoxy-3-(3R)-tetrahydrofuranyloxyphenyl)-N-(3-pyridylmethyl)-4-(3,4-difluorophenyl)sulfonylaminocarbonylaniline,

N-(3-Cyclopropylmethoxy-4-methoxyphenyl)-N-(3-pyridylmethyl)-4-(3-chlorophenyl)sulfonylaminocarbonylaniline,

N-(4-Methoxy-3-(3R)-tetrahydrofuranyloxyphenyl)-N-(3-fluorobenzyl)-4-(4-fluorophenyl)sulfonylaminocarbonylaniline,

N-(3-Cyclopropylmethoxy-4-methoxyphenyl)-N-(3-pyridylmethyl)-4-(4-fluorophenyl)sulfonylaminocarbonylaniline,

N-(3-Cyclopropylmethoxy-4-methoxyphenyl)-N-(3-pyridylmethyl)-4-(3-fluorophenyl)sulfonylaminocarbonylaniline,

N-(4-Difluoromethoxy-3-(3R)-tetrahydrofuranyloxyphenyl)-N-(3-pyridylmethyl)-4-ethylsulfonylaminocarbonylaniline,

N-(3-Cyclopentyloxy-4-difluoromethoxyphenyl)-N-(3-pyridylmethyl)-4-(3-cyanophenyl)sulfonylaminocarbonylaniline,

N-(3-Cyclopentyloxy-4-difluoromethoxyphenyl)-N-(3-pyridylmethyl)-4-(4-fluorophenyl)sulfonylaminocarbonylaniline,

N-(3-Cyclopentyloxy-4-difluoromethoxyphenyl)-N-(3-pyridylmethyl)-4-(3-fluorophenyl)sulfonylaminocarbonylaniline,

N-(3-Cyclopentyloxy-4-difluoromethoxyphenyl)-N-(3-pyridylmethyl)-4-(3-chlorophenyl)sulfonylaminocarbonylaniline,

N-(3-Ethoxy-4-methoxyphenyl)-N-(3-pyridylmethyl)-4-(2,4-difluorophenyl)sulfonylaminocarbonylaniline,  
 N-(3,4-Bisdifluoromethoxy-3-(3R)-tetrahydrofuranyloxyphenyl)-N-(3-pyridylmethyl)-4-methylsulfonylaminocarbonylaniline,  
 N-(3-Cyclopropylmethoxy-4-methoxyphenyl)-N-(3-pyridylmethyl)-4-ethylsulfonylaminocarbonylaniline,  
 N-(3-Ethoxy-4-methoxyphenyl)-N-(3-pyridylmethyl)-4-(4-fluorophenyl)sulfonylaminocarbonylaniline,  
 N-(3-Ethoxy-4-methoxyphenyl)-N-(3-pyridylmethyl)-4-(3-chlorophenyl)sulfonylaminocarbonylaniline,  
 N-(3-Ethoxy-4-methoxyphenyl)-N-(3-pyridylmethyl)-4-(3,4-difluorophenyl)sulfonylaminocarbonylaniline,  
 N-(3-Ethoxy-4-methoxyphenyl)-N-(3-pyridylmethyl)-4-(2-thienyl)sulfonylaminocarbonylaniline,  
 N-(4-Methoxy-3-(3R)-tetrahydrofuranyloxyphenyl)-N-(3-pyridylmethyl)-4-cyclopentylmethylcarbonylaminosulfonylaniline,  
 N-(4-Methoxy-3-(3R)-tetrahydrofuranyloxyphenyl)-N-(3-pyridylmethyl)-4-(4-fluorophenyl)carbonylaminosulfonylaniline,  
 N-(4-Methoxy-3-(3R)-tetrahydrofuranyloxyphenyl)-N-(3-pyridylmethyl)-4-(1-ethyl-5-methylpyrazol-4-yl)carbonylaminosulfonylaniline,  
 N-(3-Cyclopentyloxy-4-methoxyphenyl)-N-(3-pyridylmethyl)-3-(4-methylpiperazin-1-yl)sulfonylaniline,  
 N-(3-Cyclopentyloxy-4-methoxyphenyl)-N-(3-pyridylmethyl)-3-(4-morpholinyl)sulfonylaniline

morpholinyl)sulfonylaniline,

N-(3-Cyclopentyloxy-4-methoxyphenyl)-N-(3-pyridylmethyl)-4-(4-methylpiperazin-1-yl)sulfonylaniline,

N-(3-Cyclopentyloxy-4-methoxyphenyl)-N-(3-pyridylmethyl)-4-(4-morpholinyl)sulfonylaniline,

N-(4-Methoxy-3-(3R)-tetrahydrofuranyloxyphenyl)-N-(3-pyridylmethyl)-3-(4-methylpiperazin-1-yl)sulfonylaniline,

N-(4-Methoxy-3-(3R)-tetrahydrofuranyloxyphenyl)-N-(3-pyridylmethyl)-4-(4-methylpiperazin-1-yl)sulfonylaniline,

N-(4-Methoxy-3-(3R)-tetrahydrofuranyloxyphenyl)-N-(3-pyridylmethyl)-4-(4-morpholinyl)sulfonylaniline,

N-(4-Methoxy-3-(3R)-tetrahydrofuranyloxyphenyl)-N-(3-pyridylmethyl)-3-(4-morpholinyl)sulfonylaniline,

N-(4-Methoxy-3-(3R)-tetrahydrofuranyloxyphenyl)-N-(3-pyridylmethyl)-4-(4-ethylpiperazin-1-yl)sulfonylaniline,

N-(4-Methoxy-3-(3R)-tetrahydrofuranyloxyphenyl)-N-(3-pyridylmethyl)-4-(4-cyclohexylpiperazin-1-yl)sulfonylaniline,

N-(4-Methoxy-3-(3R)-tetrahydrofuranyloxyphenyl)-N-(3-pyridylmethyl)-4-(3,5-dimethylpiperazin-1-yl)sulfonylaniline,

N-(4-Methoxy-3-(3R)-tetrahydrofuranyloxyphenyl)-N-(3-pyridylmethyl)-4-(4-(2-pyridyl)piperazin-1-yl)sulfonylaniline,

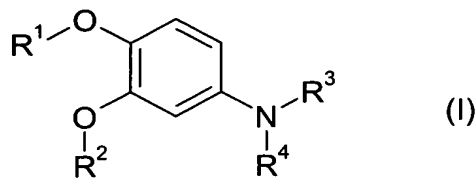
N-(4-Methoxy-3-(3R)-tetrahydrofuranyloxyphenyl)-N-(3-pyridylmethyl)-4-(4-(4-fluorophenyl)piperazin-1-yl)sulfonylaniline,

N-(4-Methoxy-3-(3R)-tetrahydrofuranyloxyphenyl)-N-(3-pyridylmethyl)-4-(2,5-dimethylpyrrol-1-yl)sulfonylaniline,

and pharmaceutically acceptable salts thereof,

wherein compounds that are optically active can be in the form of their separate enantiomers or mixtures thereof, including racemic mixtures.

8. (Currently Amended): A method for enhancing cognition in a patient in whom such enhancement is desired comprising administering to said patient an effective amount of a compound according to ~~claim 1~~ formula (I):



wherein

R<sup>1</sup> is H;

R<sup>2</sup> is alkyl having 1 to 12 carbon atoms which is branched or unbranched and which is unsubstituted or substituted one or more times by halogen, hydroxy, cyano, C<sub>1-4</sub>-alkoxy, oxo or combinations thereof, and wherein optionally one or more -CH<sub>2</sub>CH<sub>2</sub>- groups is replaced in each case by -CH=CH- or -C≡C-,



cycloalkyl having 3 to 10 carbon atoms which is unsubstituted or substituted one or more times by halogen, hydroxy, oxo, cyano, alkyl having 1 to 4 carbon atoms, alkoxy having 1 to 4 carbon atoms, or combinations thereof,

cycloalkylalkyl having 4 to 16 carbon atoms which is unsubstituted or substituted in the cycloalkyl portion and/or the alkyl portion one or more times by halogen, oxo, cyano, hydroxy, C<sub>1-4</sub>-alkyl, C<sub>1-4</sub>-alkoxy or combinations thereof,

aryl having 6 to 14 carbon atoms, which is unsubstituted or substituted one or more times by halogen, CF<sub>3</sub>, OCF<sub>3</sub>, alkyl having 1 to 12 carbon atoms, hydroxy, alkoxy having 1 to 12 carbon atoms, nitro, methylenedioxy, ethylenedioxy, cyano, or combinations thereof,

arylalkyl in which the aryl portion has 6 to 14 carbon atoms and the alkyl portion, which is branched or unbranched, has 1 to 5 carbon atoms, which the arylalkyl radical is unsubstituted or is substituted in the aryl portion one or more times by halogen, CF<sub>3</sub>, OCF<sub>3</sub>, alkyl having 1 to 12 carbon atoms, hydroxy, alkoxy having 1 to 12 carbon atoms, nitro, cyano, methylenedioxy, ethylenedioxy, or combinations thereof, and wherein in the alkyl portion one or more -CH<sub>2</sub>CH<sub>2</sub>- groups are each optionally replaced by -CH=CH- or -C≡C-, and one or more -CH<sub>2</sub>- groups are each optionally replaced by -O- or -NH- and/or the alkyl portion is optionally substituted by halogen, oxo, hydroxy, cyano, or combinations thereof,

a partially unsaturated carbocyclic group having 5 to 14 carbon atoms, which is unsubstituted or substituted one or more times by halogen, alkyl having 1 to 12 carbon atoms, alkoxy having 1 to 12 carbon atoms, hydroxy, nitro, cyano, oxo, or combinations thereof,

a heterocyclic group, which is saturated, partially saturated or unsaturated, having 5 to 10 ring atoms in which at least 1 ring atom is a N, O or S atom, which is unsubstituted or substituted one or more times by halogen, hydroxy, aryl, alkyl having 1 to 12 carbon atoms, alkoxy having 1 to 12 carbon atoms, cyano, trifluoromethyl, nitro, oxo, or combinations thereof,  
or

a heterocycle-alkyl group, wherein the heterocyclic portion is saturated, partially saturated or unsaturated, and has 5 to 10 ring atoms in which at least 1 ring atom is a N, O or S atom, and the alkyl portion is branched or unbranched and has 1 to 5 carbon atoms, the heterocycle-alkyl group is unsubstituted or substituted one or more times in the heterocyclic portion by halogen, OCF<sub>3</sub>, hydroxy, aryl, alkyl having 1 to 12 carbon atoms, alkoxy having 1 to 12 carbon atoms, cyano, trifluoromethyl, nitro, oxo, or combinations thereof, wherein in the alkyl portion one or more -CH<sub>2</sub>CH<sub>2</sub>- groups are each optionally replaced by -CH=CH- or -C≡C-, and one or more -CH<sub>2</sub>- groups are each optionally replaced by -O- or -NH- and/or the alkyl portion is optionally substituted by halogen, oxo, hydroxy, cyano, or combinations thereof;

R<sup>3</sup> is H,

alkyl having 1 to 8 carbon atoms, which is branched or unbranched and which is unsubstituted or substituted one or more times with halogen, cyano, C<sub>1-4</sub>-alkoxy, or combinations thereof,

a partially unsaturated carbocycle-alkyl group wherein the carbocyclic portion has 5 to 14 carbon atoms and the alkyl portion which is branched or unbranched has 1 to 5 carbon atoms, and which is unsubstituted or substituted in the carbocyclic portion one or more times by halogen, alkyl having 1 to 12 carbon atoms, alkoxy having 1 to 12 carbon atoms, nitro, cyano, oxo, or combinations thereof, and the alkyl portion is optionally substituted by halogen, C<sub>1-4</sub>-alkoxy, cyano or combinations thereof,

arylalkyl having 7 to 19 carbon atoms, wherein the aryl portion has 6 to 14 carbon atoms and the alkyl portion, which is branched or unbranched, has 1 to 5 carbon atoms, arylalkyl radical is unsubstituted or substituted, in the aryl portion, one or more times by halogen, trifluoromethyl, CF<sub>3</sub>O, nitro, amino, alkyl having 1 to 12 carbon atoms, alkoxy having 1 to 12 carbon atoms, alkylamino wherein the alkyl group has 1 to 12 carbon atoms, dialkylamino wherein each alkyl group has 1 to 12 carbon atoms and/or substituted in the alkyl portion by halogen, cyano, or methyl, or

heteroarylalkyl group, wherein the heteroaryl portion may be partially or fully saturated and has 5 to 10 ring atoms in which at least 1 ring atom is a

N, O or S atom, the alkyl portion, which is branched or unbranched, has 1 to 5 carbon atoms, the heteroarylalkyl group is unsubstituted or substituted one or more times in the heteroaryl portion by halogen, alkyl having 1 to 12 carbon atoms, alkoxy having 1 to 12 carbon atoms, cyano, trifluoromethyl, CF<sub>3</sub>O, nitro, oxo, amino, alkylamino wherein the alkyl group has 1 to 12 carbon atoms, dialkylamino wherein each alkyl group has 1 to 12 carbon atoms, or combinations thereof and/or substituted in the alkyl portion by halogen, cyano, or methyl or combinations thereof;

R<sup>4</sup> is H,

cycloalkyl having 3 to 10 which is unsubstituted or substituted one or more times by halogen, hydroxy, oxo, cyano, alkyl having 1 to 4 carbon atoms, alkoxy having 1 to 4 carbon atoms, or combinations thereof,

aryl having 6 to 14 carbon atoms and which is unsubstituted or substituted one or more times by halogen, alkyl having 1 to 12 carbon atoms, alkenyl having 2 to 12 carbon atoms, alkynyl having 2 to 12 carbon atoms, hydroxy, alkoxy having 1 to 12 carbon atoms, alkoxyalkoxy wherein each alkoxy group has 1 to 12 carbon atoms, nitro, methylenedioxy, ethylenedioxy, trifluoromethyl, OCF<sub>3</sub>, amino, aminoalkyl having 1 to 12 carbon atoms, aminoalkoxy having 1 to 12 carbon atoms, dialkylamino wherein each alkyl group has 1 to 12 carbon atoms, hydroxyalkyl having 1 to 12 carbon atoms, hydroxamic acid, pyrrolyl, tetrazole-5-yl, 2(-heterocycle)tetrazole-5-yl tetrazole-5-yl), hydroxyalkoxy having 1 to 12

carbon atoms, carboxy, alkyl -O-CO- wherein the alkyl portion has 1 to 12 carbon atoms, cyano, alkanoyl having 1 to 13 carbon atoms, aroyl having 7 to 15 carbon atoms, alkylthio having 1 to 12 carbon atoms, alkylsulfinyl having 1 to 12 carbon atoms, alkylsulfonyl having 1 to 12 carbon atoms, phenoxy, trialkylsilyloxy wherein each alkyl group has 1 to 12 carbon atoms, R<sup>5</sup>-L-, or combinations thereof, or

heteroaryl having 5 to 10 ring atoms in which at least 1 ring atom is a heteroatom, which is unsubstituted or substituted one or more times by halogen, alkyl having 1 to 12 carbon atoms, hydroxy, alkoxy having 1 to 12 carbon atoms, alkoxyalkoxy wherein each alkoxy group has 1 to 12 carbon atoms, nitro, methylenedioxy, ethylenedioxy, trifluoromethyl, OCF<sub>3</sub>, amino, aminoalkyl having 1 to 12 carbon atoms, aminoalkoxy having 1 to 12 carbon atoms, dialkylamino wherein each alkyl group has 1 to 12 carbon atoms, hydroxyalkyl having 1 to 12 carbon atoms, hydroxamic acid, tetrazole-5-yl, hydroxyalkoxy having 1 to 12 carbon atoms, carboxy, alkyl -O-CO- wherein the alkyl portion has 1 to 12 carbon atoms, cyano, alkanoyl having 1 to 13 carbon atoms, aroyl having 7 to 15 carbon atoms, alkylthio having 1 to 12 carbon atoms, alkylsulfinyl having 1 to 12 carbon atoms, alkylsulfonyl having 1 to 12 carbon atoms, phenoxy, trialkylsilyloxy wherein each alkyl group has 1 to 12 carbon atoms, R<sup>5</sup>-L-, or combinations thereof;

R<sup>5</sup> is H,

alkyl having 1 to 8 carbon atoms, which is unsubstituted or substituted one or more times with halogen, C<sub>1-4</sub>-alkyl, C<sub>1-4</sub>-alkoxy, oxo, or combinations thereof,

alkylamino or dialkylamino wherein each alkyl portion has independently 1 to 8 carbon atoms,

a partially unsaturated carbocycle-alkyl group wherein the carbocyclic portion has 5 to 14 carbon atoms and the alkyl portion has 1 to 5 carbon atoms, which is unsubstituted or substituted one or more times by halogen, alkyl having 1 to 12 carbon atoms, alkoxy having 1 to 12 carbon atoms, nitro, cyano, oxo, or combinations thereof,

cycloalkyl having 3 to 10 carbon atoms, which is unsubstituted or substituted one or more times by halogen, hydroxy, oxo, cyano, alkoxy having 1 to 12 carbon atoms, alkyl having 1 to 4 carbon atoms, or combinations thereof,

cycloalkylalkyl having 4 to 16 carbon atoms, which is unsubstituted or substituted in the cycloalkyl portion and/or the alkyl portion one or more times by halogen, oxo, cyano, hydroxy, alkyl having 1 to 12 carbon atoms, alkoxy having 1 to 12 carbon atoms or combinations thereof,

aryl having 6 to 14 carbon atoms and which is unsubstituted or substituted one or more times by halogen, alkyl having 1 to 12 carbon atoms,

hydroxy, alkoxy having 1 to 12 carbon atoms, alkoxyalkoxy wherein each alkoxy group has 1 to 12 carbon atoms, nitro, methylenedioxy, ethylenedioxy, trifluoromethyl, amino, aminomethyl, aminoalkyl having 1 to 12 carbon atoms, aminoalkoxy having 1 to 12 carbon atoms, dialkylamino wherein each alkyl group has 1 to 12 carbon atoms, hydroxyalkyl having 1 to 12 carbon atoms, hydroxamic acid, tetrazole-5-yl, hydroxyalkoxy having 1 to 12 carbon atoms, carboxy, alkyl -O-CO- wherein the alkyl portion has 1 to 12 carbon atoms, cyano, alkanoyl having 1 to 13 carbon atoms, aroyl having 7 to 15 carbon atoms, alkylthio having 1 to 12 carbon atoms, alkylsulfinyl having 1 to 12 carbon atoms, alkylsulfonyl having 1 to 12 carbon atoms, phenoxy, cycloalkyl having 3 to 10 carbon atoms, aryl having 6 to 14 carbon atoms which is substituted unsubstituted, heteroaryl having one or two rings and a total number of 5 to 10 ring atoms wherein at least one of the ring atoms is a heteroatom and which is substituted unsubstituted, or combinations thereof,

arylalkyl having 7 to 19 carbon atoms, wherein the aryl portion has 6 to 14 carbon atoms and the alkyl portion, which is branched or unbranched, has 1 to 5 carbon atoms, arylalkyl radical is unsubstituted or substituted, in the aryl portion, one or more times by halogen, trifluoromethyl, CF<sub>3</sub>O, nitro, amino, alkyl having 1 to 12 carbon atoms, alkoxy having 1 to 12 carbon atoms, amino, alkylamino having 1 to 12 carbon atoms, dialkylamino wherein each alkyl group has 1 to 12 carbon atoms and/or substituted in the alkyl portion by halogen, cyano, or methyl,

a heterocyclic group, which is saturated, partially saturated or unsaturated, having 5 to 10 ring atoms in which at least 1 ring atom is a N, O or S atom, which is unsubstituted or substituted one or more times by halogen, alkyl having 1 to 12 carbon atoms, hydroxy, alkoxy having 1 to 12 carbon atoms, alkoxyalkoxy wherein each alkoxy group has 1 to 12 carbon atoms, nitro, methylenedioxy, ethylenedioxy, trifluoromethyl, amino, aminomethyl, aminoalkyl having 1 to 12 carbon atoms, aminoalkoxy having 1 to 12 carbon atoms, dialkylamino wherein each alkyl group has 1 to 12 carbon atoms, hydroxyalkyl having 1 to 12 carbon atoms, hydroxamic acid, tetrazole-5-yl, hydroxyalkoxy having 1 to 12 carbon atoms, carboxy, alkyl -O-CO- wherein the alkyl portion has 1 to 12 carbon atoms, cyano, alkanoyl having 1 to 13 carbon atoms, aroyl having 7 to 15 carbon atoms, alkylthio having 1 to 12 carbon atoms, alkylsulfinyl having 1 to 12 carbon atoms, alkylsulfonyl having 1 to 12 carbon atoms, phenoxy, or combinations thereof, or

a heterocycle-alkyl group, wherein the heterocyclic portion is saturated, partially saturated or unsaturated, and has 5 to 10 ring atoms in which at least 1 ring atom is a N, O or S atom, and the alkyl portion which is branched or unbranched and has 1 to 5 carbon atoms, the heterocycle-alkyl group is unsubstituted or substituted one or more times in the heterocyclic portion by halogen, alkyl having 1 to 12 carbon atoms, alkoxy having 1 to 12 carbon atoms, cyano, trifluoromethyl, CF<sub>3</sub>O, nitro, oxo, amino, alkylamino having 1 to 12 carbon atoms, dialkylamino wherein each alkyl



group has 1 to 12 carbon atoms, or combinations thereof and/or substituted in the alkyl portion by halogen, cyano, or methyl or combinations thereof;

L is a single bond or a divalent aliphatic radical having 1 to 8 carbon atoms wherein one or more -CH<sub>2</sub>- groups are each optionally replaced by -O-, -S-, -NR<sup>6</sup>-, -SO<sub>2</sub>NH-, -NHSO<sub>2</sub>-, -SO<sub>2</sub>NR<sup>6</sup>-, -NR<sup>6</sup>SO<sub>2</sub>-, -CO-, -NR<sup>6</sup>CO-, -CONR<sup>6</sup>-, -NHCONH-, -OCONH-, -NHCOO-, -SCONH-, -SCSNH-, or -NHCSNH-; and

R<sup>6</sup> is H,

alkyl having 1 to 8 which is branched or unbranched and which is unsubstituted or substituted one or more times with halogen, C<sub>1-4</sub>-alkyl, C<sub>1-4</sub>-alkoxy, oxo, or combinations thereof;

arylalkyl having 7 to 19 carbon atoms, wherein the aryl portion has 6 to 14 carbon atoms and the alkyl portion, which is branched or unbranched, has 1 to 5 carbon atoms, arylalkyl radical is unsubstituted or substituted, in the aryl portion, one or more times by halogen, trifluoromethyl, CF<sub>3</sub>O, nitro, amino, alkyl having 1 to 12 carbon atoms, alkoxy having 1 to 12 carbon atoms, alkylamino having 1 to 12 carbon atoms, dialkylamino wherein each alkyl group has 1 to 12 carbon atoms, and/or substituted in the alkyl portion by halogen, cyano, or methyl;

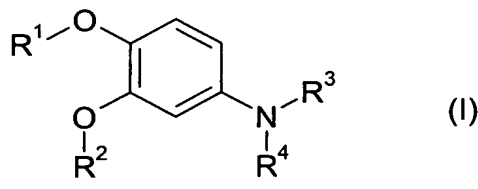
aryl having 6 to 14 carbon atoms and which is unsubstituted or substituted one or more times by halogen, alkyl having 1 to 12 carbon atoms, hydroxy, alkoxy having 1 to 12 carbon atoms, alkoxyalkoxy wherein each alkoxy group has 1 to 12 carbon atoms, nitro, methylenedioxy, ethylenedioxy, trifluoromethyl, amino, aminomethyl, aminoalkyl having 1 to 12 carbon atoms, aminoalkoxy having 1 to 12 carbon atoms, dialkylamino wherein each alkyl group has 1 to 12 carbon atoms, hydroxyalkyl having 1 to 12 carbon atoms, hydroxamic acid, tetrazole-5-yl, hydroxyalkoxy having 1 to 12 carbon atoms, carboxy, alkyl -O-CO- wherein the alkyl portion has 1 to 12 carbon atoms, cyano, alkanoyl having 1 to 13 carbon atoms, aroyl having 7 to 15 carbon atoms, alkylthio having 1 to 12 carbon atoms, alkylsulfinyl having 1 to 12 carbon atoms, or alkylsulfonyl having 1 to 12 carbon atoms,

wherein R<sup>3</sup> and R<sup>4</sup> are not simultaneously both H; and pharmaceutically acceptable salts thereof.

9. (Original): A method according to claim 8, wherein said compound is administered in an amount of 0.01-100 mg/kg of body weight/day.

10. (Original): A method according to claim 8, wherein said patient is a human.

11. (Currently Amended): A method of treating a patient suffering from cognition impairment or decline-comprising administering to said patient an effective amount of a compound according to ~~claim 1~~ formula (I):



wherein

R<sup>1</sup> is H;

R<sup>2</sup> is alkyl having 1 to 12 carbon atoms which is branched or unbranched and which is unsubstituted or substituted one or more times by halogen, hydroxy, cyano, C<sub>1-4</sub>-alkoxy, oxo or combinations thereof, and wherein optionally one or more -CH<sub>2</sub>CH<sub>2</sub>- groups is replaced in each case by -CH=CH- or -C≡C-,

cycloalkyl having 3 to 10 carbon atoms which is unsubstituted or substituted one or more times by halogen, hydroxy, oxo, cyano, alkyl having 1 to 4 carbon atoms, alkoxy having 1 to 4 carbon atoms, or combinations thereof,

cycloalkylalkyl having 4 to 16 carbon atoms which is unsubstituted or substituted in the cycloalkyl portion and/or the alkyl portion one or more

times by halogen, oxo, cyano, hydroxy, C<sub>1-4</sub>-alkyl, C<sub>1-4</sub>-alkoxy or combinations thereof,

aryl having 6 to 14 carbon atoms, which is unsubstituted or substituted one or more times by halogen, CF<sub>3</sub>, OCF<sub>3</sub>, alkyl having 1 to 12 carbon atoms, hydroxy, alkoxy having 1 to 12 carbon atoms, nitro, methylenedioxy, ethylenedioxy, cyano, or combinations thereof,

arylalkyl in which the aryl portion has 6 to 14 carbon atoms and the alkyl portion, which is branched or unbranched, has 1 to 5 carbon atoms, which the arylalkyl radical is unsubstituted or is substituted in the aryl portion one or more times by halogen, CF<sub>3</sub>, OCF<sub>3</sub>, alkyl having 1 to 12 carbon atoms, hydroxy, alkoxy having 1 to 12 carbon atoms, nitro, cyano, methylenedioxy, ethylenedioxy, or combinations thereof, and wherein in the alkyl portion one or more -CH<sub>2</sub>CH<sub>2</sub>- groups are each optionally replaced by -CH=CH- or -C≡C-, and one or more -CH<sub>2</sub>- groups are each optionally replaced by -O- or -NH- and/or the alkyl portion is optionally substituted by halogen, oxo, hydroxy, cyano, or combinations thereof,

a partially unsaturated carbocyclic group having 5 to 14 carbon atoms, which is unsubstituted or substituted one or more times by halogen, alkyl having 1 to 12 carbon atoms, alkoxy having 1 to 12 carbon atoms, hydroxy, nitro, cyano, oxo, or combinations thereof,

a heterocyclic group, which is saturated, partially saturated or unsaturated, having 5 to 10 ring atoms in which at least 1 ring atom is a N, O or S atom, which is unsubstituted or substituted one or more times by halogen, hydroxy, aryl, alkyl having 1 to 12 carbon atoms, alkoxy having 1 to 12 carbon atoms, cyano, trifluoromethyl, nitro, oxo, or combinations thereof,  
or

a heterocycle-alkyl group, wherein the heterocyclic portion is saturated, partially saturated or unsaturated, and has 5 to 10 ring atoms in which at least 1 ring atom is a N, O or S atom, and the alkyl portion is branched or unbranched and has 1 to 5 carbon atoms, the heterocycle-alkyl group is unsubstituted or substituted one or more times in the heterocyclic portion by halogen, OCF<sub>3</sub>, hydroxy, aryl, alkyl having 1 to 12 carbon atoms, alkoxy having 1 to 12 carbon atoms, cyano, trifluoromethyl, nitro, oxo, or combinations thereof, wherein in the alkyl portion one or more -CH<sub>2</sub>CH<sub>2</sub>- groups are each optionally replaced by -CH=CH- or -C≡C-, and one or more -CH<sub>2</sub>- groups are each optionally replaced by -O- or -NH- and/or the alkyl portion is optionally substituted by halogen, oxo, hydroxy, cyano, or combinations thereof;

R<sup>3</sup> is H,

alkyl having 1 to 8 carbon atoms, which is branched or unbranched and which is unsubstituted or substituted one or more times with halogen, cyano, C<sub>1-4</sub>-alkoxy, or combinations thereof,

a partially unsaturated carbocycle-alkyl group wherein the carbocyclic portion has 5 to 14 carbon atoms and the alkyl portion which is branched or unbranched has 1 to 5 carbon atoms, and which is unsubstituted or substituted in the carbocyclic portion one or more times by halogen, alkyl having 1 to 12 carbon atoms, alkoxy having 1 to 12 carbon atoms, nitro, cyano, oxo, or combinations thereof, and the alkyl portion is optionally substituted by halogen, C<sub>1-4</sub>-alkoxy, cyano or combinations thereof,

arylalkyl having 7 to 19 carbon atoms, wherein the aryl portion has 6 to 14 carbon atoms and the alkyl portion, which is branched or unbranched, has 1 to 5 carbon atoms, arylalkyl radical is unsubstituted or substituted, in the aryl portion, one or more times by halogen, trifluoromethyl, CF<sub>3</sub>O, nitro, amino, alkyl having 1 to 12 carbon atoms, alkoxy having 1 to 12 carbon atoms, alkylamino wherein the alkyl group has 1 to 12 carbon atoms, dialkylamino wherein each alkyl group has 1 to 12 carbon atoms and/or substituted in the alkyl portion by halogen, cyano, or methyl, or

heteroarylalkyl group, wherein the heteroaryl portion may be partially or fully saturated and has 5 to 10 ring atoms in which at least 1 ring atom is a N, O or S atom, the alkyl portion, which is branched or unbranched, has 1 to 5 carbon atoms, the heteroarylalkyl group is unsubstituted or substituted one or more times in the heteroaryl portion by halogen, alkyl having 1 to 12 carbon atoms, alkoxy having 1 to 12 carbon atoms, cyano, trifluoromethyl, CF<sub>3</sub>O, nitro, oxo, amino, alkylamino wherein the alkyl

group has 1 to 12 carbon atoms, dialkylamino wherein each alkyl group has 1 to 12 carbon atoms, or combinations thereof and/or substituted in the alkyl portion by halogen, cyano, or methyl or combinations thereof;

R<sup>4</sup> is H,

cycloalkyl having 3 to 10 which is unsubstituted or substituted one or more times by halogen, hydroxy, oxo, cyano, alkyl having 1 to 4 carbon atoms, alkoxy having 1 to 4 carbon atoms, or combinations thereof,

aryl having 6 to 14 carbon atoms and which is unsubstituted or substituted one or more times by halogen, alkyl having 1 to 12 carbon atoms, alkenyl having 2 to 12 carbon atoms, alkynyl having 2 to 12 carbon atoms, hydroxy, alkoxy having 1 to 12 carbon atoms, alkoxyalkoxy wherein each alkoxy group has 1 to 12 carbon atoms, nitro, methylenedioxy, ethylenedioxy, trifluoromethyl, OCF<sub>3</sub>, amino, aminoalkyl having 1 to 12 carbon atoms, aminoalkoxy having 1 to 12 carbon atoms, dialkylamino wherein each alkyl group has 1 to 12 carbon atoms, hydroxyalkyl having 1 to 12 carbon atoms, hydroxamic acid, pyrrolyl, tetrazole-5-yl, 2(-heterocycle)tetrazole-5-yl tetrazole-5-yl), hydroxyalkoxy having 1 to 12 carbon atoms, carboxy, alkyl -O-CO- wherein the alkyl portion has 1 to 12 carbon atoms, cyano, alkanoyl having 1 to 13 carbon atoms, aroyl having 7 to 15 carbon atoms, alkylthio having 1 to 12 carbon atoms, alkylsulfinyl having 1 to 12 carbon atoms, alkylsulfonyl having 1 to 12 carbon atoms,

phenoxy, trialkylsilyloxy wherein each alkyl group has 1 to 12 carbon atoms, R<sup>5</sup>-L-, or combinations thereof, or

heteroaryl having 5 to 10 ring atoms in which at least 1 ring atom is a heteroatom, which is unsubstituted or substituted one or more times by halogen, alkyl having 1 to 12 carbon atoms, hydroxy, alkoxy having 1 to 12 carbon atoms, alkoxyalkoxy wherein each alkoxy group has 1 to 12 carbon atoms, nitro, methylenedioxy, ethylenedioxy, trifluoromethyl, OCF<sub>3</sub>, amino, aminoalkyl having 1 to 12 carbon atoms, aminoalkoxy having 1 to 12 carbon atoms, dialkylamino wherein each alkyl group has 1 to 12 carbon atoms, hydroxyalkyl having 1 to 12 carbon atoms, hydroxamic acid, tetrazole-5-yl, hydroxyalkoxy having 1 to 12 carbon atoms, carboxy, alkyl -O-CO- wherein the alkyl portion has 1 to 12 carbon atoms, cyano, alkanoyl having 1 to 13 carbon atoms, aroyl having 7 to 15 carbon atoms, alkylthio having 1 to 12 carbon atoms, alkylsulfinyl having 1 to 12 carbon atoms, alkylsulfonyl having 1 to 12 carbon atoms, phenoxy, trialkylsilyloxy wherein each alkyl group has 1 to 12 carbon atoms, R<sup>5</sup>-L-, or combinations thereof;

R<sup>5</sup> is H,

alkyl having 1 to 8 carbon atoms, which is unsubstituted or substituted one or more times with halogen, C<sub>1-4</sub>-alkyl, C<sub>1-4</sub>-alkoxy, oxo, or combinations thereof,



alkylamino or dialkylamino wherein each alkyl portion has independently 1 to 8 carbon atoms,

a partially unsaturated carbocycle-alkyl group wherein the carbocyclic portion has 5 to 14 carbon atoms and the alkyl portion has 1 to 5 carbon atoms, which is unsubstituted or substituted one or more times by halogen, alkyl having 1 to 12 carbon atoms, alkoxy having 1 to 12 carbon atoms, nitro, cyano, oxo, or combinations thereof,

cycloalkyl having 3 to 10 carbon atoms, which is unsubstituted or substituted one or more times by halogen, hydroxy, oxo, cyano, alkoxy having 1 to 12 carbon atoms, alkyl having 1 to 4 carbon atoms, or combinations thereof,

cycloalkylalkyl having 4 to 16 carbon atoms, which is unsubstituted or substituted in the cycloalkyl portion and/or the alkyl portion one or more times by halogen, oxo, cyano, hydroxy, alkyl having 1 to 12 carbon atoms, alkoxy having 1 to 12 carbon atoms or combinations thereof,

aryl having 6 to 14 carbon atoms and which is unsubstituted or substituted one or more times by halogen, alkyl having 1 to 12 carbon atoms, hydroxy, alkoxy having 1 to 12 carbon atoms, alkoxyalkoxy wherein each alkoxy group has 1 to 12 carbon atoms, nitro, methylenedioxy, ethylenedioxy, trifluoromethyl, amino, aminomethyl, aminoalkyl having 1 to 12 carbon atoms, aminoalkoxy having 1 to 12 carbon atoms,

dialkylamino wherein each alkyl group has 1 to 12 carbon atoms,  
hydroxyalkyl having 1 to 12 carbon atoms, hydroxamic acid, tetrazole-5-  
yl, hydroxyalkoxy having 1 to 12 carbon atoms, carboxy, alkyl -O-CO-  
wherein the alkyl portion has 1 to 12 carbon atoms, cyano, alkanoyl  
having 1 to 13 carbon atoms, aroyl having 7 to 15 carbon atoms, alkylthio  
having 1 to 12 carbon atoms, alkylsulfinyl having 1 to 12 carbon atoms,  
alkylsulfonyl having 1 to 12 carbon atoms, phenoxy, cycloalkyl having 3  
to 10 carbon atoms, aryl having 6 to 14 carbon atoms which is substituted  
unsubstituted, heteroaryl having one or two rings and a total number of 5  
to 10 ring atoms wherein at least one of the ring atoms is a heteroatom and  
which is substituted unsubstituted, or combinations thereof,

arylalkyl having 7 to 19 carbon atoms, wherein the aryl portion has 6 to 14  
carbon atoms and the alkyl portion, which is branched or unbranched, has  
1 to 5 carbon atoms, arylalkyl radical is unsubstituted or substituted, in the  
aryl portion, one or more times by halogen, trifluoromethyl, CF<sub>3</sub>O, nitro,  
amino, alkyl having 1 to 12 carbon atoms, alkoxy having 1 to 12 carbon  
atoms, amino, alkylamino having 1 to 12 carbon atoms, dialkylamino  
wherein each alkyl group has 1 to 12 carbon atoms and/or substituted in  
the alkyl portion by halogen, cyano, or methyl,

a heterocyclic group, which is saturated, partially saturated or unsaturated,  
having 5 to 10 ring atoms in which at least 1 ring atom is a N, O or S  
atom, which is unsubstituted or substituted one or more times by halogen,

alkyl having 1 to 12 carbon atoms, hydroxy, alkoxy having 1 to 12 carbon atoms, alkoxyalkoxy wherein each alkoxy group has 1 to 12 carbon atoms, nitro, methylenedioxy, ethylenedioxy, trifluoromethyl, amino, aminomethyl, aminoalkyl having 1 to 12 carbon atoms, aminoalkoxy having 1 to 12 carbon atoms, dialkylamino wherein each alkyl group has 1 to 12 carbon atoms, hydroxyalkyl having 1 to 12 carbon atoms, hydroxamic acid, tetrazole-5-yl, hydroxyalkoxy having 1 to 12 carbon atoms, carboxy, alkyl -O-CO- wherein the alkyl portion has 1 to 12 carbon atoms, cyano, alkanoyl having 1 to 13 carbon atoms, aroyl having 7 to 15 carbon atoms, alkylthio having 1 to 12 carbon atoms, alkylsulfinyl having 1 to 12 carbon atoms, alkylsulfonyl having 1 to 12 carbon atoms, phenoxy, or combinations thereof, or

a heterocycle-alkyl group, wherein the heterocyclic portion is saturated, partially saturated or unsaturated, and has 5 to 10 ring atoms in which at least 1 ring atom is a N, O or S atom, and the alkyl portion which is branched or unbranched and has 1 to 5 carbon atoms, the heterocycle-alkyl group is unsubstituted or substituted one or more times in the heterocyclic portion by halogen, alkyl having 1 to 12 carbon atoms, alkoxy having 1 to 12 carbon atoms, cyano, trifluoromethyl, CF<sub>3</sub>O, nitro, oxo, amino, alkylamino having 1 to 12 carbon atoms, dialkylamino wherein each alkyl group has 1 to 12 carbon atoms, or combinations thereof and/or substituted in the alkyl portion by halogen, cyano, or methyl or combinations thereof;

L is a single bond or a divalent aliphatic radical having 1 to 8 carbon atoms wherein one or more -CH<sub>2</sub>- groups are each optionally replaced by -O-, -S-, -NR<sup>6</sup>-, -SO<sub>2</sub>NH-, -NHSO<sub>2</sub>-, -SO<sub>2</sub>NR<sup>6</sup>-, -NR<sup>6</sup>SO<sub>2</sub>-, -CO-, -NR<sup>6</sup>CO-, -CONR<sup>6</sup>-, -NHCONH-, -OCONH-, -NHCOO-, -SCONH-, -SCSNH-, or -NHCSNH-; and

R<sup>6</sup> is H,

alkyl having 1 to 8 which is branched or unbranched and which is unsubstituted or substituted one or more times with halogen, C<sub>1-4</sub>-alkyl, C<sub>1-4</sub>-alkoxy, oxo, or combinations thereof;

arylalkyl having 7 to 19 carbon atoms, wherein the aryl portion has 6 to 14 carbon atoms and the alkyl portion, which is branched or unbranched, has 1 to 5 carbon atoms, arylalkyl radical is unsubstituted or substituted, in the aryl portion, one or more times by halogen, trifluoromethyl, CF<sub>3</sub>O, nitro, amino, alkyl having 1 to 12 carbon atoms, alkoxy having 1 to 12 carbon atoms, alkylamino having 1 to 12 carbon atoms, dialkylamino wherein each alkyl group has 1 to 12 carbon atoms, and/or substituted in the alkyl portion by halogen, cyano, or methyl;

aryl having 6 to 14 carbon atoms and which is unsubstituted or substituted one or more times by halogen, alkyl having 1 to 12 carbon atoms, hydroxy, alkoxy having 1 to 12 carbon atoms, alkoxyalkoxy wherein each alkoxy group has 1 to 12 carbon atoms, nitro, methylenedioxy,

ethylenedioxy, trifluoromethyl, amino, aminomethyl, aminoalkyl having 1 to 12 carbon atoms, aminoalkoxy having 1 to 12 carbon atoms, dialkylamino wherein each alkyl group has 1 to 12 carbon atoms, hydroxyalkyl having 1 to 12 carbon atoms, hydroxamic acid, tetrazole-5-yl, hydroxyalkoxy having 1 to 12 carbon atoms, carboxy, alkyl -O-CO- wherein the alkyl portion has 1 to 12 carbon atoms, cyano, alkanoyl having 1 to 13 carbon atoms, aroyl having 7 to 15 carbon atoms, alkylthio having 1 to 12 carbon atoms, alkylsulfinyl having 1 to 12 carbon atoms, or alkylsulfonyl having 1 to 12 carbon atoms,

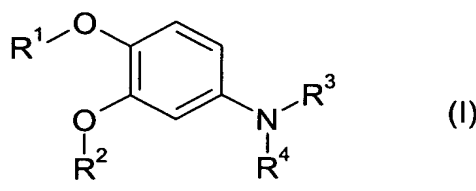
wherein R<sup>3</sup> and R<sup>4</sup> are not simultaneously both H; and

pharmaceutically acceptable salts thereof.

12. (Original): A method according to claim 11, wherein said patient is a human.
13. (Original): A method according to claim 12, wherein said patient is suffering from memory impairment.
14. (Original): A method according to claim 11, wherein said compound is administered in an amount of 0.01-100 mg/kg of body weight/day.

15. (Original): A method according to claim 13, wherein said patient is suffering from memory impairment due to Alzheimer's disease, schizophrenia, Parkinson's disease, Huntington's disease, Pick's disease, Creutzfeld-Jakob disease, depression, aging, head trauma, stroke, CNS hypoxia, cerebral senility, multiinfarct dementia, HIV or cardiovascular disease.

16. (Currently Amended): A method for treating a patient having a disease involving decreased cAMP levels comprising administering to said patient an effective amount of a compound according to ~~claim 1~~ formula (I):



wherein

R<sup>1</sup> is H;

R<sup>2</sup> is alkyl having 1 to 12 carbon atoms which is branched or unbranched and which is unsubstituted or substituted one or more times by halogen, hydroxy, cyano, C<sub>1-4</sub>-alkoxy, oxo or combinations thereof, and wherein optionally one or more -CH<sub>2</sub>CH<sub>2</sub>- groups is replaced in each case by -CH=CH- or -C≡C-,

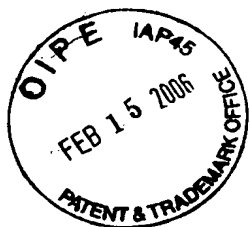
cycloalkyl having 3 to 10 carbon atoms which is unsubstituted or substituted one or more times by halogen, hydroxy, oxo, cyano, alkyl

having 1 to 4 carbon atoms, alkoxy having 1 to 4 carbon atoms, or combinations thereof,

cycloalkylalkyl having 4 to 16 carbon atoms which is unsubstituted or substituted in the cycloalkyl portion and/or the alkyl portion one or more times by halogen, oxo, cyano, hydroxy, C<sub>1-4</sub>-alkyl, C<sub>1-4</sub>-alkoxy or combinations thereof,

aryl having 6 to 14 carbon atoms, which is unsubstituted or substituted one or more times by halogen, CF<sub>3</sub>, OCF<sub>3</sub>, alkyl having 1 to 12 carbon atoms, hydroxy, alkoxy having 1 to 12 carbon atoms, nitro, methylenedioxy, ethylenedioxy, cyano, or combinations thereof,

arylalkyl in which the aryl portion has 6 to 14 carbon atoms and the alkyl portion, which is branched or unbranched, has 1 to 5 carbon atoms, which the arylalkyl radical is unsubstituted or is substituted in the aryl portion one or more times by halogen, CF<sub>3</sub>, OCF<sub>3</sub>, alkyl having 1 to 12 carbon atoms, hydroxy, alkoxy having 1 to 12 carbon atoms, nitro, cyano, methylenedioxy, ethylenedioxy, or combinations thereof, and wherein in the alkyl portion one or more -CH<sub>2</sub>CH<sub>2</sub>- groups are each optionally replaced by -CH=CH- or -C≡C-, and one or more -CH<sub>2</sub>- groups are each optionally replaced by -O- or -NH- and/or the alkyl portion is optionally substituted by halogen, oxo, hydroxy, cyano, or combinations thereof,



a partially unsaturated carbocyclic group having 5 to 14 carbon atoms, which is unsubstituted or substituted one or more times by halogen, alkyl having 1 to 12 carbon atoms, alkoxy having 1 to 12 carbon atoms, hydroxy, nitro, cyano, oxo, or combinations thereof,

a heterocyclic group, which is saturated, partially saturated or unsaturated, having 5 to 10 ring atoms in which at least 1 ring atom is a N, O or S atom, which is unsubstituted or substituted one or more times by halogen, hydroxy, aryl, alkyl having 1 to 12 carbon atoms, alkoxy having 1 to 12 carbon atoms, cyano, trifluoromethyl, nitro, oxo, or combinations thereof,  
or

a heterocycle-alkyl group, wherein the heterocyclic portion is saturated, partially saturated or unsaturated, and has 5 to 10 ring atoms in which at least 1 ring atom is a N, O or S atom, and the alkyl portion is branched or unbranched and has 1 to 5 carbon atoms, the heterocycle-alkyl group is unsubstituted or substituted one or more times in the heterocyclic portion by halogen, OCF<sub>3</sub>, hydroxy, aryl, alkyl having 1 to 12 carbon atoms, alkoxy having 1 to 12 carbon atoms, cyano, trifluoromethyl, nitro, oxo, or combinations thereof, wherein in the alkyl portion one or more -CH<sub>2</sub>CH<sub>2</sub>- groups are each optionally replaced by -CH=CH- or -C≡C-, and one or more -CH<sub>2</sub>- groups are each optionally replaced by -O- or -NH- and/or the alkyl portion is optionally substituted by halogen, oxo, hydroxy, cyano, or combinations thereof;



R<sup>3</sup> is H,

alkyl having 1 to 8 carbon atoms, which is branched or unbranched and which is unsubstituted or substituted one or more times with halogen, cyano, C<sub>1-4</sub>-alkoxy, or combinations thereof,

a partially unsaturated carbocycle-alkyl group wherein the carbocyclic portion has 5 to 14 carbon atoms and the alkyl portion which is branched or unbranched has 1 to 5 carbon atoms, and which is unsubstituted or substituted in the carbocyclic portion one or more times by halogen, alkyl having 1 to 12 carbon atoms, alkoxy having 1 to 12 carbon atoms, nitro, cyano, oxo, or combinations thereof, and the alkyl portion is optionally substituted by halogen, C<sub>1-4</sub>-alkoxy, cyano or combinations thereof,

arylalkyl having 7 to 19 carbon atoms, wherein the aryl portion has 6 to 14 carbon atoms and the alkyl portion, which is branched or unbranched, has 1 to 5 carbon atoms, arylalkyl radical is unsubstituted or substituted, in the aryl portion, one or more times by halogen, trifluoromethyl, CF<sub>3</sub>O, nitro, amino, alkyl having 1 to 12 carbon atoms, alkoxy having 1 to 12 carbon atoms, alkylamino wherein the alkyl group has 1 to 12 carbon atoms, dialkylamino wherein each alkyl group has 1 to 12 carbon atoms and/or substituted in the alkyl portion by halogen, cyano, or methyl, or

heteroarylalkyl group, wherein the heteroaryl portion may be partially or fully saturated and has 5 to 10 ring atoms in which at least 1 ring atom is a

N, O or S atom, the alkyl portion, which is branched or unbranched, has 1 to 5 carbon atoms, the heteroarylalkyl group is unsubstituted or substituted one or more times in the heteroaryl portion by halogen, alkyl having 1 to 12 carbon atoms, alkoxy having 1 to 12 carbon atoms, cyano, trifluoromethyl, CF<sub>3</sub>O, nitro, oxo, amino, alkylamino wherein the alkyl group has 1 to 12 carbon atoms, dialkylamino wherein each alkyl group has 1 to 12 carbon atoms, or combinations thereof and/or substituted in the alkyl portion by halogen, cyano, or methyl or combinations thereof;

R<sup>4</sup> is H,

cycloalkyl having 3 to 10 which is unsubstituted or substituted one or more times by halogen, hydroxy, oxo, cyano, alkyl having 1 to 4 carbon atoms, alkoxy having 1 to 4 carbon atoms, or combinations thereof,

aryl having 6 to 14 carbon atoms and which is unsubstituted or substituted one or more times by halogen, alkyl having 1 to 12 carbon atoms, alkenyl having 2 to 12 carbon atoms, alkynyl having 2 to 12 carbon atoms, hydroxy, alkoxy having 1 to 12 carbon atoms, alkoxyalkoxy wherein each alkoxy group has 1 to 12 carbon atoms, nitro, methylenedioxy, ethylenedioxy, trifluoromethyl, OCF<sub>3</sub>, amino, aminoalkyl having 1 to 12 carbon atoms, aminoalkoxy having 1 to 12 carbon atoms, dialkylamino wherein each alkyl group has 1 to 12 carbon atoms, hydroxyalkyl having 1 to 12 carbon atoms, hydroxamic acid, pyrrolyl, tetrazole-5-yl, 2(-heterocycle)tetrazole-5-yl tetrazole-5-yl), hydroxyalkoxy having 1 to 12

carbon atoms, carboxy, alkyl -O-CO- wherein the alkyl portion has 1 to 12 carbon atoms, cyano, alkanoyl having 1 to 13 carbon atoms, aroyl having 7 to 15 carbon atoms, alkylthio having 1 to 12 carbon atoms, alkylsulfinyl having 1 to 12 carbon atoms, alkylsulfonyl having 1 to 12 carbon atoms, phenoxy, trialkylsilyloxy wherein each alkyl group has 1 to 12 carbon atoms, R<sup>5</sup>-L-, or combinations thereof, or

heteroaryl having 5 to 10 ring atoms in which at least 1 ring atom is a heteroatom, which is unsubstituted or substituted one or more times by halogen, alkyl having 1 to 12 carbon atoms, hydroxy, alkoxy having 1 to 12 carbon atoms, alkoxyalkoxy wherein each alkoxy group has 1 to 12 carbon atoms, nitro, methylenedioxy, ethylenedioxy, trifluoromethyl, OCF<sub>3</sub>, amino, aminoalkyl having 1 to 12 carbon atoms, aminoalkoxy having 1 to 12 carbon atoms, dialkylamino wherein each alkyl group has 1 to 12 carbon atoms, hydroxyalkyl having 1 to 12 carbon atoms, hydroxamic acid, tetrazole-5-yl, hydroxyalkoxy having 1 to 12 carbon atoms, carboxy, alkyl -O-CO- wherein the alkyl portion has 1 to 12 carbon atoms, cyano, alkanoyl having 1 to 13 carbon atoms, aroyl having 7 to 15 carbon atoms, alkylthio having 1 to 12 carbon atoms, alkylsulfinyl having 1 to 12 carbon atoms, alkylsulfonyl having 1 to 12 carbon atoms, phenoxy, trialkylsilyloxy wherein each alkyl group has 1 to 12 carbon atoms, R<sup>5</sup>-L-, or combinations thereof;

R<sup>5</sup> is H,

alkyl having 1 to 8 carbon atoms, which is unsubstituted or substituted one or more times with halogen, C<sub>1-4</sub>-alkyl, C<sub>1-4</sub>-alkoxy, oxo, or combinations thereof,

alkylamino or dialkylamino wherein each alkyl portion has independently 1 to 8 carbon atoms,

a partially unsaturated carbocycle-alkyl group wherein the carbocyclic portion has 5 to 14 carbon atoms and the alkyl portion has 1 to 5 carbon atoms, which is unsubstituted or substituted one or more times by halogen, alkyl having 1 to 12 carbon atoms, alkoxy having 1 to 12 carbon atoms, nitro, cyano, oxo, or combinations thereof,

cycloalkyl having 3 to 10 carbon atoms, which is unsubstituted or substituted one or more times by halogen, hydroxy, oxo, cyano, alkoxy having 1 to 12 carbon atoms, alkyl having 1 to 4 carbon atoms, or combinations thereof,

cycloalkylalkyl having 4 to 16 carbon atoms, which is unsubstituted or substituted in the cycloalkyl portion and/or the alkyl portion one or more times by halogen, oxo, cyano, hydroxy, alkyl having 1 to 12 carbon atoms, alkoxy having 1 to 12 carbon atoms or combinations thereof,

aryl having 6 to 14 carbon atoms and which is unsubstituted or substituted one or more times by halogen, alkyl having 1 to 12 carbon atoms,

hydroxy, alkoxy having 1 to 12 carbon atoms, alkoxyalkoxy wherein each alkoxy group has 1 to 12 carbon atoms, nitro, methylenedioxy, ethylenedioxy, trifluoromethyl, amino, aminomethyl, aminoalkyl having 1 to 12 carbon atoms, aminoalkoxy having 1 to 12 carbon atoms, dialkylamino wherein each alkyl group has 1 to 12 carbon atoms, hydroxyalkyl having 1 to 12 carbon atoms, hydroxamic acid, tetrazole-5-yl, hydroxyalkoxy having 1 to 12 carbon atoms, carboxy, alkyl -O-CO- wherein the alkyl portion has 1 to 12 carbon atoms, cyano, alkanoyl having 1 to 13 carbon atoms, aroyl having 7 to 15 carbon atoms, alkylthio having 1 to 12 carbon atoms, alkylsulfinyl having 1 to 12 carbon atoms, alkylsulfonyl having 1 to 12 carbon atoms, phenoxy, cycloalkyl having 3 to 10 carbon atoms, aryl having 6 to 14 carbon atoms which is substituted unsubstituted, heteroaryl having one or two rings and a total number of 5 to 10 ring atoms wherein at least one of the ring atoms is a heteroatom and which is substituted unsubstituted, or combinations thereof,

arylalkyl having 7 to 19 carbon atoms, wherein the aryl portion has 6 to 14 carbon atoms and the alkyl portion, which is branched or unbranched, has 1 to 5 carbon atoms, arylalkyl radical is unsubstituted or substituted, in the aryl portion, one or more times by halogen, trifluoromethyl, CF<sub>3</sub>O, nitro, amino, alkyl having 1 to 12 carbon atoms, alkoxy having 1 to 12 carbon atoms, amino, alkylamino having 1 to 12 carbon atoms, dialkylamino wherein each alkyl group has 1 to 12 carbon atoms and/or substituted in the alkyl portion by halogen, cyano, or methyl,

a heterocyclic group, which is saturated, partially saturated or unsaturated, having 5 to 10 ring atoms in which at least 1 ring atom is a N, O or S atom, which is unsubstituted or substituted one or more times by halogen, alkyl having 1 to 12 carbon atoms, hydroxy, alkoxy having 1 to 12 carbon atoms, alkoxyalkoxy wherein each alkoxy group has 1 to 12 carbon atoms, nitro, methylenedioxy, ethylenedioxy, trifluoromethyl, amino, aminomethyl, aminoalkyl having 1 to 12 carbon atoms, aminoalkoxy having 1 to 12 carbon atoms, dialkylamino wherein each alkyl group has 1 to 12 carbon atoms, hydroxyalkyl having 1 to 12 carbon atoms, hydroxamic acid, tetrazole-5-yl, hydroxyalkoxy having 1 to 12 carbon atoms, carboxy, alkyl -O-CO- wherein the alkyl portion has 1 to 12 carbon atoms, cyano, alkanoyl having 1 to 13 carbon atoms, aroyl having 7 to 15 carbon atoms, alkylthio having 1 to 12 carbon atoms, alkylsulfinyl having 1 to 12 carbon atoms, alkylsulfonyl having 1 to 12 carbon atoms, phenoxy, or combinations thereof, or

a heterocycle-alkyl group, wherein the heterocyclic portion is saturated, partially saturated or unsaturated, and has 5 to 10 ring atoms in which at least 1 ring atom is a N, O or S atom, and the alkyl portion which is branched or unbranched and has 1 to 5 carbon atoms, the heterocycle-alkyl group is unsubstituted or substituted one or more times in the heterocyclic portion by halogen, alkyl having 1 to 12 carbon atoms, alkoxy having 1 to 12 carbon atoms, cyano, trifluoromethyl, CF<sub>3</sub>O, nitro, oxo, amino, alkylamino having 1 to 12 carbon atoms, dialkylamino wherein each alkyl

group has 1 to 12 carbon atoms, or combinations thereof and/or substituted in the alkyl portion by halogen, cyano, or methyl or combinations thereof;

L is a single bond or a divalent aliphatic radical having 1 to 8 carbon atoms wherein one or more -CH<sub>2</sub>- groups are each optionally replaced by -O-, -S-, -NR<sup>6</sup>-, -SO<sub>2</sub>NH-, -NHSO<sub>2</sub>-, -SO<sub>2</sub>NR<sup>6</sup>-, -NR<sup>6</sup>SO<sub>2</sub>-, -CO-, -NR<sup>6</sup>CO-, -CONR<sup>6</sup>-, -NHCONH-, -OCONH-, -NHCOO-, -SCONH-, -SCSNH-, or -NHCSNH-; and

R<sup>6</sup> is H,

alkyl having 1 to 8 which is branched or unbranched and which is unsubstituted or substituted one or more times with halogen, C<sub>1-4</sub>-alkyl, C<sub>1-4</sub>-alkoxy, oxo, or combinations thereof;

arylalkyl having 7 to 19 carbon atoms, wherein the aryl portion has 6 to 14 carbon atoms and the alkyl portion, which is branched or unbranched, has 1 to 5 carbon atoms, arylalkyl radical is unsubstituted or substituted, in the aryl portion, one or more times by halogen, trifluoromethyl, CF<sub>3</sub>O, nitro, amino, alkyl having 1 to 12 carbon atoms, alkoxy having 1 to 12 carbon atoms, alkylamino having 1 to 12 carbon atoms, dialkylamino wherein each alkyl group has 1 to 12 carbon atoms, and/or substituted in the alkyl portion by halogen, cyano, or methyl;

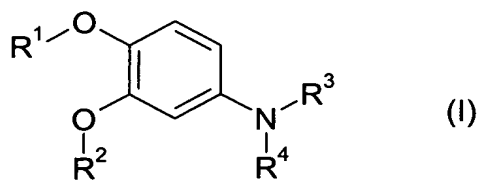
aryl having 6 to 14 carbon atoms and which is unsubstituted or substituted one or more times by halogen, alkyl having 1 to 12 carbon atoms, hydroxy, alkoxy having 1 to 12 carbon atoms, alkoxyalkoxy wherein each alkoxy group has 1 to 12 carbon atoms, nitro, methylenedioxy, ethylenedioxy, trifluoromethyl, amino, aminomethyl, aminoalkyl having 1 to 12 carbon atoms, aminoalkoxy having 1 to 12 carbon atoms, dialkylamino wherein each alkyl group has 1 to 12 carbon atoms, hydroxyalkyl having 1 to 12 carbon atoms, hydroxamic acid, tetrazole-5-yl, hydroxyalkoxy having 1 to 12 carbon atoms, carboxy, alkyl -O-CO- wherein the alkyl portion has 1 to 12 carbon atoms, cyano, alkanoyl having 1 to 13 carbon atoms, aroyl having 7 to 15 carbon atoms, alkylthio having 1 to 12 carbon atoms, alkylsulfinyl having 1 to 12 carbon atoms, or alkylsulfonyl having 1 to 12 carbon atoms,

wherein R<sup>3</sup> and R<sup>4</sup> are not simultaneously both H; and

pharmaceutically acceptable salts thereof.

17. (Currently Amended): A method of inhibiting PDE4 enzyme activity in a patient comprising administering to said patient an effective amount of a compound according to ~~claim 1~~ formula (I):





wherein

R<sup>1</sup> is H;

R<sup>2</sup> is alkyl having 1 to 12 carbon atoms which is branched or unbranched and which is unsubstituted or substituted one or more times by halogen, hydroxy, cyano, C<sub>1-4</sub>-alkoxy, oxo or combinations thereof, and wherein optionally one or more -CH<sub>2</sub>CH<sub>2</sub>- groups is replaced in each case by -CH=CH- or -C≡C-,

cycloalkyl having 3 to 10 carbon atoms which is unsubstituted or substituted one or more times by halogen, hydroxy, oxo, cyano, alkyl having 1 to 4 carbon atoms, alkoxy having 1 to 4 carbon atoms, or combinations thereof,

cycloalkylalkyl having 4 to 16 carbon atoms which is unsubstituted or substituted in the cycloalkyl portion and/or the alkyl portion one or more times by halogen, oxo, cyano, hydroxy, C<sub>1-4</sub>-alkyl, C<sub>1-4</sub>-alkoxy or combinations thereof,

aryl having 6 to 14 carbon atoms, which is unsubstituted or substituted one or more times by halogen, CF<sub>3</sub>, OCF<sub>3</sub>, alkyl having 1 to 12 carbon atoms,

hydroxy, alkoxy having 1 to 12 carbon atoms, nitro, methylenedioxy, ethylenedioxy, cyano, or combinations thereof,

arylalkyl in which the aryl portion has 6 to 14 carbon atoms and the alkyl portion, which is branched or unbranched, has 1 to 5 carbon atoms, which the arylalkyl radical is unsubstituted or is substituted in the aryl portion one or more times by halogen, CF<sub>3</sub>, OCF<sub>3</sub>, alkyl having 1 to 12 carbon atoms, hydroxy, alkoxy having 1 to 12 carbon atoms, nitro, cyano, methylenedioxy, ethylenedioxy, or combinations thereof, and wherein in the alkyl portion one or more -CH<sub>2</sub>CH<sub>2</sub>- groups are each optionally replaced by -CH=CH- or -C≡C-, and one or more -CH<sub>2</sub>- groups are each optionally replaced by -O- or -NH- and/or the alkyl portion is optionally substituted by halogen, oxo, hydroxy, cyano, or combinations thereof,

a partially unsaturated carbocyclic group having 5 to 14 carbon atoms, which is unsubstituted or substituted one or more times by halogen, alkyl having 1 to 12 carbon atoms, alkoxy having 1 to 12 carbon atoms, hydroxy, nitro, cyano, oxo, or combinations thereof,

a heterocyclic group, which is saturated, partially saturated or unsaturated, having 5 to 10 ring atoms in which at least 1 ring atom is a N, O or S atom, which is unsubstituted or substituted one or more times by halogen, hydroxy, aryl, alkyl having 1 to 12 carbon atoms, alkoxy having 1 to 12 carbon atoms, cyano, trifluoromethyl, nitro, oxo, or combinations thereof,  
or

a heterocycle-alkyl group, wherein the heterocyclic portion is saturated, partially saturated or unsaturated, and has 5 to 10 ring atoms in which at least 1 ring atom is a N, O or S atom, and the alkyl portion is branched or unbranched and has 1 to 5 carbon atoms, the heterocycle-alkyl group is unsubstituted or substituted one or more times in the heterocyclic portion by halogen, OCF<sub>3</sub>, hydroxy, aryl, alkyl having 1 to 12 carbon atoms, alkoxy having 1 to 12 carbon atoms, cyano, trifluoromethyl, nitro, oxo, or combinations thereof, wherein in the alkyl portion one or more -CH<sub>2</sub>CH<sub>2</sub>- groups are each optionally replaced by -CH=CH- or -C≡C-, and one or more -CH<sub>2</sub>- groups are each optionally replaced by -O- or -NH- and/or the alkyl portion is optionally substituted by halogen, oxo, hydroxy, cyano, or combinations thereof;

R<sup>3</sup> is H,

alkyl having 1 to 8 carbon atoms, which is branched or unbranched and which is unsubstituted or substituted one or more times with halogen, cyano, C<sub>1-4</sub>-alkoxy, or combinations thereof,

a partially unsaturated carbocycle-alkyl group wherein the carbocyclic portion has 5 to 14 carbon atoms and the alkyl portion which is branched or unbranched has 1 to 5 carbon atoms, and which is unsubstituted or substituted in the carbocyclic portion one or more times by halogen, alkyl having 1 to 12 carbon atoms, alkoxy having 1 to 12 carbon atoms, nitro,

cyano, oxo, or combinations thereof, and the alkyl portion is optionally substituted by halogen, C<sub>1-4</sub>-alkoxy, cyano or combinations thereof,

arylalkyl having 7 to 19 carbon atoms, wherein the aryl portion has 6 to 14 carbon atoms and the alkyl portion, which is branched or unbranched, has 1 to 5 carbon atoms, arylalkyl radical is unsubstituted or substituted, in the aryl portion, one or more times by halogen, trifluoromethyl, CF<sub>3</sub>O, nitro, amino, alkyl having 1 to 12 carbon atoms, alkoxy having 1 to 12 carbon atoms, alkylamino wherein the alkyl group has 1 to 12 carbon atoms, dialkylamino wherein each alkyl group has 1 to 12 carbon atoms and/or substituted in the alkyl portion by halogen, cyano, or methyl, or

heteroarylalkyl group, wherein the heteroaryl portion may be partially or fully saturated and has 5 to 10 ring atoms in which at least 1 ring atom is a N, O or S atom, the alkyl portion, which is branched or unbranched, has 1 to 5 carbon atoms, the heteroarylalkyl group is unsubstituted or substituted one or more times in the heteroaryl portion by halogen, alkyl having 1 to 12 carbon atoms, alkoxy having 1 to 12 carbon atoms, cyano, trifluoromethyl, CF<sub>3</sub>O, nitro, oxo, amino, alkylamino wherein the alkyl group has 1 to 12 carbon atoms, dialkylamino wherein each alkyl group has 1 to 12 carbon atoms, or combinations thereof and/or substituted in the alkyl portion by halogen, cyano, or methyl or combinations thereof;

R<sup>4</sup> is H,

cycloalkyl having 3 to 10 which is unsubstituted or substituted one or more times by halogen, hydroxy, oxo, cyano, alkyl having 1 to 4 carbon atoms, alkoxy having 1 to 4 carbon atoms, or combinations thereof,

aryl having 6 to 14 carbon atoms and which is unsubstituted or substituted one or more times by halogen, alkyl having 1 to 12 carbon atoms, alkenyl having 2 to 12 carbon atoms, alkynyl having 2 to 12 carbon atoms, hydroxy, alkoxy having 1 to 12 carbon atoms, alkoxyalkoxy wherein each alkoxy group has 1 to 12 carbon atoms, nitro, methylenedioxy, ethylenedioxy, trifluoromethyl, OCF<sub>3</sub>, amino, aminoalkyl having 1 to 12 carbon atoms, aminoalkoxy having 1 to 12 carbon atoms, dialkylamino wherein each alkyl group has 1 to 12 carbon atoms, hydroxyalkyl having 1 to 12 carbon atoms, hydroxamic acid, pyrrolyl, tetrazole-5-yl, 2(-heterocycle)tetrazole-5-yl tetrazole-5-yl), hydroxyalkoxy having 1 to 12 carbon atoms, carboxy, alkyl -O-CO- wherein the alkyl portion has 1 to 12 carbon atoms, cyano, alkanoyl having 1 to 13 carbon atoms, aroyl having 7 to 15 carbon atoms, alkylthio having 1 to 12 carbon atoms, alkylsulfinyl having 1 to 12 carbon atoms, alkylsulfonyl having 1 to 12 carbon atoms, phenoxy, trialkylsilyloxy wherein each alkyl group has 1 to 12 carbon atoms, R<sup>5</sup>-L-, or combinations thereof, or

heteroaryl having 5 to 10 ring atoms in which at least 1 ring atom is a heteroatom, which is unsubstituted or substituted one or more times by halogen, alkyl having 1 to 12 carbon atoms, hydroxy, alkoxy having 1 to

12 carbon atoms, alkoxyalkoxy wherein each alkoxy group has 1 to 12 carbon atoms, nitro, methylenedioxy, ethylenedioxy, trifluoromethyl, OCF<sub>3</sub>, amino, aminoalkyl having 1 to 12 carbon atoms, aminoalkoxy having 1 to 12 carbon atoms, dialkylamino wherein each alkyl group has 1 to 12 carbon atoms, hydroxyalkyl having 1 to 12 carbon atoms, hydroxamic acid, tetrazole-5-yl, hydroxyalkoxy having 1 to 12 carbon atoms, carboxy, alkyl -O-CO- wherein the alkyl portion has 1 to 12 carbon atoms, cyano, alkanoyl having 1 to 13 carbon atoms, aroyl having 7 to 15 carbon atoms, alkylthio having 1 to 12 carbon atoms, alkylsulfinyl having 1 to 12 carbon atoms, alkylsulfonyl having 1 to 12 carbon atoms, phenoxy, trialkylsilyloxy wherein each alkyl group has 1 to 12 carbon atoms, R<sup>5</sup>-L-, or combinations thereof;

R<sup>5</sup> is H,

alkyl having 1 to 8 carbon atoms, which is unsubstituted or substituted one or more times with halogen, C<sub>1-4</sub>-alkyl, C<sub>1-4</sub>-alkoxy, oxo, or combinations thereof,

alkylamino or dialkylamino wherein each alkyl portion has independently 1 to 8 carbon atoms,

a partially unsaturated carbocycle-alkyl group wherein the carbocyclic portion has 5 to 14 carbon atoms and the alkyl portion has 1 to 5 carbon atoms, which is unsubstituted or substituted one or more times by halogen,

alkyl having 1 to 12 carbon atoms, alkoxy having 1 to 12 carbon atoms, nitro, cyano, oxo, or combinations thereof,

cycloalkyl having 3 to 10 carbon atoms, which is unsubstituted or substituted one or more times by halogen, hydroxy, oxo, cyano, alkoxy having 1 to 12 carbon atoms, alkyl having 1 to 4 carbon atoms, or combinations thereof,

cycloalkylalkyl having 4 to 16 carbon atoms, which is unsubstituted or substituted in the cycloalkyl portion and/or the alkyl portion one or more times by halogen, oxo, cyano, hydroxy, alkyl having 1 to 12 carbon atoms, alkoxy having 1 to 12 carbon atoms or combinations thereof,

aryl having 6 to 14 carbon atoms and which is unsubstituted or substituted one or more times by halogen, alkyl having 1 to 12 carbon atoms, hydroxy, alkoxy having 1 to 12 carbon atoms, alkoxyalkoxy wherein each alkoxy group has 1 to 12 carbon atoms, nitro, methylenedioxy, ethylenedioxy, trifluoromethyl, amino, aminomethyl, aminoalkyl having 1 to 12 carbon atoms, aminoalkoxy having 1 to 12 carbon atoms, dialkylamino wherein each alkyl group has 1 to 12 carbon atoms, hydroxyalkyl having 1 to 12 carbon atoms, hydroxamic acid, tetrazole-5-yl, hydroxyalkoxy having 1 to 12 carbon atoms, carboxy, alkyl -O-CO- wherein the alkyl portion has 1 to 12 carbon atoms, cyano, alkanoyl having 1 to 13 carbon atoms, aroyl having 7 to 15 carbon atoms, alkylthio having 1 to 12 carbon atoms, alkylsulfinyl having 1 to 12 carbon atoms,

alkylsulfonyl having 1 to 12 carbon atoms, phenoxy, cycloalkyl having 3 to 10 carbon atoms, aryl having 6 to 14 carbon atoms which is substituted unsubstituted, heteroaryl having one or two rings and a total number of 5 to 10 ring atoms wherein at least one of the ring atoms is a heteroatom and which is substituted unsubstituted, or combinations thereof,

arylalkyl having 7 to 19 carbon atoms, wherein the aryl portion has 6 to 14 carbon atoms and the alkyl portion, which is branched or unbranched, has 1 to 5 carbon atoms, arylalkyl radical is unsubstituted or substituted, in the aryl portion, one or more times by halogen, trifluoromethyl, CF<sub>3</sub>O, nitro, amino, alkyl having 1 to 12 carbon atoms, alkoxy having 1 to 12 carbon atoms, amino, alkylamino having 1 to 12 carbon atoms, dialkylamino wherein each alkyl group has 1 to 12 carbon atoms and/or substituted in the alkyl portion by halogen, cyano, or methyl,

a heterocyclic group, which is saturated, partially saturated or unsaturated, having 5 to 10 ring atoms in which at least 1 ring atom is a N, O or S atom, which is unsubstituted or substituted one or more times by halogen, alkyl having 1 to 12 carbon atoms, hydroxy, alkoxy having 1 to 12 carbon atoms, alkoxyalkoxy wherein each alkoxy group has 1 to 12 carbon atoms, nitro, methylenedioxy, ethylenedioxy, trifluoromethyl, amino, aminomethyl, aminoalkyl having 1 to 12 carbon atoms, aminoalkoxy having 1 to 12 carbon atoms, dialkylamino wherein each alkyl group has 1 to 12 carbon atoms, hydroxyalkyl having 1 to 12 carbon atoms,



hydroxamic acid, tetrazole-5-yl, hydroxyalkoxy having 1 to 12 carbon atoms, carboxy, alkyl -O-CO- wherein the alkyl portion has 1 to 12 carbon atoms, cyano, alkanoyl having 1 to 13 carbon atoms, aroyl having 7 to 15 carbon atoms, alkylthio having 1 to 12 carbon atoms, alkylsulfinyl having 1 to 12 carbon atoms, alkylsulfonyl having 1 to 12 carbon atoms, phenoxy, or combinations thereof, or

a heterocycle-alkyl group, wherein the heterocyclic portion is saturated, partially saturated or unsaturated, and has 5 to 10 ring atoms in which at least 1 ring atom is a N, O or S atom, and the alkyl portion which is branched or unbranched and has 1 to 5 carbon atoms, the heterocycle-alkyl group is unsubstituted or substituted one or more times in the heterocyclic portion by halogen, alkyl having 1 to 12 carbon atoms, alkoxy having 1 to 12 carbon atoms, cyano, trifluoromethyl, CF<sub>3</sub>O, nitro, oxo, amino, alkylamino having 1 to 12 carbon atoms, dialkylamino wherein each alkyl group has 1 to 12 carbon atoms, or combinations thereof and/or substituted in the alkyl portion by halogen, cyano, or methyl or combinations thereof;

L is a single bond or a divalent aliphatic radical having 1 to 8 carbon atoms wherein one or more -CH<sub>2</sub>- groups are each optionally replaced by -O-, -S-, -NR<sup>6</sup>-, -SO<sub>2</sub>NH-, -NHSO<sub>2</sub>-, -SO<sub>2</sub>NR<sup>6</sup>-, -NR<sup>6</sup>SO<sub>2</sub>-, -CO-, -NR<sup>6</sup>CO-, -CONR<sup>6</sup>-, -NHCONH-, -OCONH-, -NHCOO-, -SCONH-, -SCSNH-, or -NHCSNH-; and

R<sup>6</sup> is H,

alkyl having 1 to 8 which is branched or unbranched and which is unsubstituted or substituted one or more times with halogen, C<sub>1-4</sub>-alkyl, C<sub>1-4</sub>-alkoxy, oxo, or combinations thereof;

arylalkyl having 7 to 19 carbon atoms, wherein the aryl portion has 6 to 14 carbon atoms and the alkyl portion, which is branched or unbranched, has 1 to 5 carbon atoms, arylalkyl radical is unsubstituted or substituted, in the aryl portion, one or more times by halogen, trifluoromethyl, CF<sub>3</sub>O, nitro, amino, alkyl having 1 to 12 carbon atoms, alkoxy having 1 to 12 carbon atoms, alkylamino having 1 to 12 carbon atoms, dialkylamino wherein each alkyl group has 1 to 12 carbon atoms, and/or substituted in the alkyl portion by halogen, cyano, or methyl;

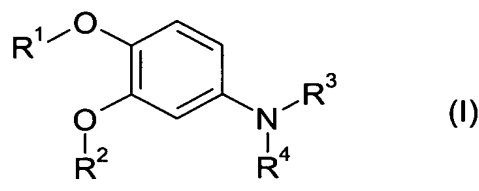
aryl having 6 to 14 carbon atoms and which is unsubstituted or substituted one or more times by halogen, alkyl having 1 to 12 carbon atoms, hydroxy, alkoxy having 1 to 12 carbon atoms, alkoxyalkoxy wherein each alkoxy group has 1 to 12 carbon atoms, nitro, methylenedioxy, ethylenedioxy, trifluoromethyl, amino, aminomethyl, aminoalkyl having 1 to 12 carbon atoms, aminoalkoxy having 1 to 12 carbon atoms, dialkylamino wherein each alkyl group has 1 to 12 carbon atoms, hydroxyalkyl having 1 to 12 carbon atoms, hydroxamic acid, tetrazole-5-yl, hydroxyalkoxy having 1 to 12 carbon atoms, carboxy, alkyl -O-CO- wherein the alkyl portion has 1 to 12 carbon atoms, cyano, alkanoyl having 1 to 13 carbon atoms, aroyl having 7 to 15 carbon atoms, alkylthio

having 1 to 12 carbon atoms, alkylsulfinyl having 1 to 12 carbon atoms, or  
alkylsulfonyl having 1 to 12 carbon atoms,

wherein R<sup>3</sup> and R<sup>4</sup> are not simultaneously both H; and

pharmaceutically acceptable salts thereof.

18. (Currently Amended): A method of treating a patient suffering from memory impairment due to a neurodegenerative disease comprising administering to said patient an effective amount of a compound according to ~~claim 1~~ formula (I):



wherein

R<sup>1</sup> is H;

R<sup>2</sup> is alkyl having 1 to 12 carbon atoms which is branched or unbranched and  
which is unsubstituted or substituted one or more times by halogen,  
hydroxy, cyano, C<sub>1-4</sub>-alkoxy, oxo or combinations thereof, and wherein  
optionally one or more -CH<sub>2</sub>CH<sub>2</sub>- groups is replaced in each case by  
-CH=CH- or -C≡C-,

cycloalkyl having 3 to 10 carbon atoms which is unsubstituted or substituted one or more times by halogen, hydroxy, oxo, cyano, alkyl having 1 to 4 carbon atoms, alkoxy having 1 to 4 carbon atoms, or combinations thereof,

cycloalkylalkyl having 4 to 16 carbon atoms which is unsubstituted or substituted in the cycloalkyl portion and/or the alkyl portion one or more times by halogen, oxo, cyano, hydroxy, C<sub>1-4</sub>-alkyl, C<sub>1-4</sub>-alkoxy or combinations thereof,

aryl having 6 to 14 carbon atoms, which is unsubstituted or substituted one or more times by halogen, CF<sub>3</sub>, OCF<sub>3</sub>, alkyl having 1 to 12 carbon atoms, hydroxy, alkoxy having 1 to 12 carbon atoms, nitro, methylenedioxy, ethylenedioxy, cyano, or combinations thereof,

arylalkyl in which the aryl portion has 6 to 14 carbon atoms and the alkyl portion, which is branched or unbranched, has 1 to 5 carbon atoms, which the arylalkyl radical is unsubstituted or is substituted in the aryl portion one or more times by halogen, CF<sub>3</sub>, OCF<sub>3</sub>, alkyl having 1 to 12 carbon atoms, hydroxy, alkoxy having 1 to 12 carbon atoms, nitro, cyano, methylenedioxy, ethylenedioxy, or combinations thereof, and wherein in the alkyl portion one or more -CH<sub>2</sub>CH<sub>2</sub>- groups are each optionally replaced by -CH=CH- or -C≡C-, and one or more -CH<sub>2</sub>- groups are each optionally replaced by -O- or -NH- and/or the alkyl portion is optionally substituted by halogen, oxo, hydroxy, cyano, or combinations thereof,

a partially unsaturated carbocyclic group having 5 to 14 carbon atoms, which is unsubstituted or substituted one or more times by halogen, alkyl having 1 to 12 carbon atoms, alkoxy having 1 to 12 carbon atoms, hydroxy, nitro, cyano, oxo, or combinations thereof,

a heterocyclic group, which is saturated, partially saturated or unsaturated, having 5 to 10 ring atoms in which at least 1 ring atom is a N, O or S atom, which is unsubstituted or substituted one or more times by halogen, hydroxy, aryl, alkyl having 1 to 12 carbon atoms, alkoxy having 1 to 12 carbon atoms, cyano, trifluoromethyl, nitro, oxo, or combinations thereof,  
or

a heterocycle-alkyl group, wherein the heterocyclic portion is saturated, partially saturated or unsaturated, and has 5 to 10 ring atoms in which at least 1 ring atom is a N, O or S atom, and the alkyl portion is branched or unbranched and has 1 to 5 carbon atoms, the heterocycle-alkyl group is unsubstituted or substituted one or more times in the heterocyclic portion by halogen, OCF<sub>3</sub>, hydroxy, aryl, alkyl having 1 to 12 carbon atoms, alkoxy having 1 to 12 carbon atoms, cyano, trifluoromethyl, nitro, oxo, or combinations thereof, wherein in the alkyl portion one or more -CH<sub>2</sub>CH<sub>2</sub>- groups are each optionally replaced by -CH=CH- or -C≡C-, and one or more -CH<sub>2</sub>- groups are each optionally replaced by -O- or -NH- and/or the alkyl portion is optionally substituted by halogen, oxo, hydroxy, cyano, or combinations thereof;

R<sup>3</sup> is H,

alkyl having 1 to 8 carbon atoms, which is branched or unbranched and which is unsubstituted or substituted one or more times with halogen, cyano, C<sub>1-4</sub>-alkoxy, or combinations thereof,

a partially unsaturated carbocycle-alkyl group wherein the carbocyclic portion has 5 to 14 carbon atoms and the alkyl portion which is branched or unbranched has 1 to 5 carbon atoms, and which is unsubstituted or substituted in the carbocyclic portion one or more times by halogen, alkyl having 1 to 12 carbon atoms, alkoxy having 1 to 12 carbon atoms, nitro, cyano, oxo, or combinations thereof, and the alkyl portion is optionally substituted by halogen, C<sub>1-4</sub>-alkoxy, cyano or combinations thereof,

arylalkyl having 7 to 19 carbon atoms, wherein the aryl portion has 6 to 14 carbon atoms and the alkyl portion, which is branched or unbranched, has 1 to 5 carbon atoms, arylalkyl radical is unsubstituted or substituted, in the aryl portion, one or more times by halogen, trifluoromethyl, CF<sub>3</sub>O, nitro, amino, alkyl having 1 to 12 carbon atoms, alkoxy having 1 to 12 carbon atoms, alkylamino wherein the alkyl group has 1 to 12 carbon atoms, dialkylamino wherein each alkyl group has 1 to 12 carbon atoms and/or substituted in the alkyl portion by halogen, cyano, or methyl, or

heteroarylalkyl group, wherein the heteroaryl portion may be partially or fully saturated and has 5 to 10 ring atoms in which at least 1 ring atom is a

N, O or S atom, the alkyl portion, which is branched or unbranched, has 1 to 5 carbon atoms, the heteroarylalkyl group is unsubstituted or substituted one or more times in the heteroaryl portion by halogen, alkyl having 1 to 12 carbon atoms, alkoxy having 1 to 12 carbon atoms, cyano, trifluoromethyl, CF<sub>3</sub>O, nitro, oxo, amino, alkylamino wherein the alkyl group has 1 to 12 carbon atoms, dialkylamino wherein each alkyl group has 1 to 12 carbon atoms, or combinations thereof and/or substituted in the alkyl portion by halogen, cyano, or methyl or combinations thereof;

R<sup>4</sup> is H,

cycloalkyl having 3 to 10 which is unsubstituted or substituted one or more times by halogen, hydroxy, oxo, cyano, alkyl having 1 to 4 carbon atoms, alkoxy having 1 to 4 carbon atoms, or combinations thereof,

aryl having 6 to 14 carbon atoms and which is unsubstituted or substituted one or more times by halogen, alkyl having 1 to 12 carbon atoms, alkenyl having 2 to 12 carbon atoms, alkynyl having 2 to 12 carbon atoms, hydroxy, alkoxy having 1 to 12 carbon atoms, alkoxyalkoxy wherein each alkoxy group has 1 to 12 carbon atoms, nitro, methylenedioxy, ethylenedioxy, trifluoromethyl, OCF<sub>3</sub>, amino, aminoalkyl having 1 to 12 carbon atoms, aminoalkoxy having 1 to 12 carbon atoms, dialkylamino wherein each alkyl group has 1 to 12 carbon atoms, hydroxyalkyl having 1 to 12 carbon atoms, hydroxamic acid, pyrrolyl, tetrazole-5-yl, 2(-heterocycle)tetrazole-5-yl tetrazole-5-yl), hydroxyalkoxy having 1 to 12

carbon atoms, carboxy, alkyl -O-CO- wherein the alkyl portion has 1 to 12 carbon atoms, cyano, alkanoyl having 1 to 13 carbon atoms, aroyl having 7 to 15 carbon atoms, alkylthio having 1 to 12 carbon atoms, alkylsulfinyl having 1 to 12 carbon atoms, alkylsulfonyl having 1 to 12 carbon atoms, phenoxy, trialkylsilyloxy wherein each alkyl group has 1 to 12 carbon atoms, R<sup>5</sup>-L-, or combinations thereof, or

heteroaryl having 5 to 10 ring atoms in which at least 1 ring atom is a heteroatom, which is unsubstituted or substituted one or more times by halogen, alkyl having 1 to 12 carbon atoms, hydroxy, alkoxy having 1 to 12 carbon atoms, alkoxyalkoxy wherein each alkoxy group has 1 to 12 carbon atoms, nitro, methylenedioxy, ethylenedioxy, trifluoromethyl, OCF<sub>3</sub>, amino, aminoalkyl having 1 to 12 carbon atoms, aminoalkoxy having 1 to 12 carbon atoms, dialkylamino wherein each alkyl group has 1 to 12 carbon atoms, hydroxyalkyl having 1 to 12 carbon atoms, hydroxamic acid, tetrazole-5-yl, hydroxyalkoxy having 1 to 12 carbon atoms, carboxy, alkyl -O-CO- wherein the alkyl portion has 1 to 12 carbon atoms, cyano, alkanoyl having 1 to 13 carbon atoms, aroyl having 7 to 15 carbon atoms, alkylthio having 1 to 12 carbon atoms, alkylsulfinyl having 1 to 12 carbon atoms, alkylsulfonyl having 1 to 12 carbon atoms, phenoxy, trialkylsilyloxy wherein each alkyl group has 1 to 12 carbon atoms, R<sup>5</sup>-L-, or combinations thereof;

R<sup>5</sup> is H,



alkyl having 1 to 8 carbon atoms, which is unsubstituted or substituted one or more times with halogen, C<sub>1-4</sub>-alkyl, C<sub>1-4</sub>-alkoxy, oxo, or combinations thereof,

alkylamino or dialkylamino wherein each alkyl portion has independently 1 to 8 carbon atoms,

a partially unsaturated carbocycle-alkyl group wherein the carbocyclic portion has 5 to 14 carbon atoms and the alkyl portion has 1 to 5 carbon atoms, which is unsubstituted or substituted one or more times by halogen, alkyl having 1 to 12 carbon atoms, alkoxy having 1 to 12 carbon atoms, nitro, cyano, oxo, or combinations thereof,

cycloalkyl having 3 to 10 carbon atoms, which is unsubstituted or substituted one or more times by halogen, hydroxy, oxo, cyano, alkoxy having 1 to 12 carbon atoms, alkyl having 1 to 4 carbon atoms, or combinations thereof,

cycloalkylalkyl having 4 to 16 carbon atoms, which is unsubstituted or substituted in the cycloalkyl portion and/or the alkyl portion one or more times by halogen, oxo, cyano, hydroxy, alkyl having 1 to 12 carbon atoms, alkoxy having 1 to 12 carbon atoms or combinations thereof,

aryl having 6 to 14 carbon atoms and which is unsubstituted or substituted one or more times by halogen, alkyl having 1 to 12 carbon atoms,

hydroxy, alkoxy having 1 to 12 carbon atoms, alkoxyalkoxy wherein each alkoxy group has 1 to 12 carbon atoms, nitro, methylenedioxy, ethylenedioxy, trifluoromethyl, amino, aminomethyl, aminoalkyl having 1 to 12 carbon atoms, aminoalkoxy having 1 to 12 carbon atoms, dialkylamino wherein each alkyl group has 1 to 12 carbon atoms, hydroxyalkyl having 1 to 12 carbon atoms, hydroxamic acid, tetrazole-5-yl, hydroxyalkoxy having 1 to 12 carbon atoms, carboxy, alkyl -O-CO- wherein the alkyl portion has 1 to 12 carbon atoms, cyano, alkanoyl having 1 to 13 carbon atoms, aroyl having 7 to 15 carbon atoms, alkylthio having 1 to 12 carbon atoms, alkylsulfinyl having 1 to 12 carbon atoms, alkylsulfonyl having 1 to 12 carbon atoms, phenoxy, cycloalkyl having 3 to 10 carbon atoms, aryl having 6 to 14 carbon atoms which is substituted unsubstituted, heteroaryl having one or two rings and a total number of 5 to 10 ring atoms wherein at least one of the ring atoms is a heteroatom and which is substituted unsubstituted, or combinations thereof,

arylalkyl having 7 to 19 carbon atoms, wherein the aryl portion has 6 to 14 carbon atoms and the alkyl portion, which is branched or unbranched, has 1 to 5 carbon atoms, arylalkyl radical is unsubstituted or substituted, in the aryl portion, one or more times by halogen, trifluoromethyl, CF<sub>3</sub>O, nitro, amino, alkyl having 1 to 12 carbon atoms, alkoxy having 1 to 12 carbon atoms, amino, alkylamino having 1 to 12 carbon atoms, dialkylamino wherein each alkyl group has 1 to 12 carbon atoms and/or substituted in the alkyl portion by halogen, cyano, or methyl,

a heterocyclic group, which is saturated, partially saturated or unsaturated, having 5 to 10 ring atoms in which at least 1 ring atom is a N, O or S atom, which is unsubstituted or substituted one or more times by halogen, alkyl having 1 to 12 carbon atoms, hydroxy, alkoxy having 1 to 12 carbon atoms, alkoxyalkoxy wherein each alkoxy group has 1 to 12 carbon atoms, nitro, methylenedioxy, ethylenedioxy, trifluoromethyl, amino, aminomethyl, aminoalkyl having 1 to 12 carbon atoms, aminoalkoxy having 1 to 12 carbon atoms, dialkylamino wherein each alkyl group has 1 to 12 carbon atoms, hydroxyalkyl having 1 to 12 carbon atoms, hydroxamic acid, tetrazole-5-yl, hydroxyalkoxy having 1 to 12 carbon atoms, carboxy, alkyl -O-CO- wherein the alkyl portion has 1 to 12 carbon atoms, cyano, alkanoyl having 1 to 13 carbon atoms, aroyl having 7 to 15 carbon atoms, alkylthio having 1 to 12 carbon atoms, alkylsulfinyl having 1 to 12 carbon atoms, alkylsulfonyl having 1 to 12 carbon atoms, phenoxy, or combinations thereof, or

a heterocycle-alkyl group, wherein the heterocyclic portion is saturated, partially saturated or unsaturated, and has 5 to 10 ring atoms in which at least 1 ring atom is a N, O or S atom, and the alkyl portion which is branched or unbranched and has 1 to 5 carbon atoms, the heterocycle-alkyl group is unsubstituted or substituted one or more times in the heterocyclic portion by halogen, alkyl having 1 to 12 carbon atoms, alkoxy having 1 to 12 carbon atoms, cyano, trifluoromethyl, CF<sub>3</sub>O, nitro, oxo, amino, alkylamino having 1 to 12 carbon atoms, dialkylamino wherein each alkyl

group has 1 to 12 carbon atoms, or combinations thereof and/or substituted in the alkyl portion by halogen, cyano, or methyl or combinations thereof;

L is a single bond or a divalent aliphatic radical having 1 to 8 carbon atoms wherein one or more -CH<sub>2</sub>- groups are each optionally replaced by -O-, -S-, -NR<sup>6</sup>-, -SO<sub>2</sub>NH-, -NHSO<sub>2</sub>-, -SO<sub>2</sub>NR<sup>6</sup>-, -NR<sup>6</sup>SO<sub>2</sub>-, -CO-, -NR<sup>6</sup>CO-, -CONR<sup>6</sup>-, -NHCONH-, -OCONH-, -NHCOO-, -SCONH-, -SCSNH-, or -NHCSNH-; and

R<sup>6</sup> is H,

alkyl having 1 to 8 which is branched or unbranched and which is unsubstituted or substituted one or more times with halogen, C<sub>1-4</sub>-alkyl, C<sub>1-4</sub>-alkoxy, oxo, or combinations thereof;

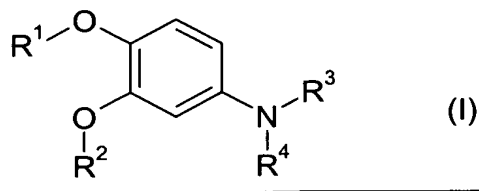
arylalkyl having 7 to 19 carbon atoms, wherein the aryl portion has 6 to 14 carbon atoms and the alkyl portion, which is branched or unbranched, has 1 to 5 carbon atoms, arylalkyl radical is unsubstituted or substituted, in the aryl portion, one or more times by halogen, trifluoromethyl, CF<sub>3</sub>O, nitro, amino, alkyl having 1 to 12 carbon atoms, alkoxy having 1 to 12 carbon atoms, alkylamino having 1 to 12 carbon atoms, dialkylamino wherein each alkyl group has 1 to 12 carbon atoms, and/or substituted in the alkyl portion by halogen, cyano, or methyl;

aryl having 6 to 14 carbon atoms and which is unsubstituted or substituted one or more times by halogen, alkyl having 1 to 12 carbon atoms, hydroxy, alkoxy having 1 to 12 carbon atoms, alkoxyalkoxy wherein each alkoxy group has 1 to 12 carbon atoms, nitro, methylenedioxy, ethylenedioxy, trifluoromethyl, amino, aminomethyl, aminoalkyl having 1 to 12 carbon atoms, aminoalkoxy having 1 to 12 carbon atoms, dialkylamino wherein each alkyl group has 1 to 12 carbon atoms, hydroxyalkyl having 1 to 12 carbon atoms, hydroxamic acid, tetrazole-5-yl, hydroxyalkoxy having 1 to 12 carbon atoms, carboxy, alkyl -O-CO- wherein the alkyl portion has 1 to 12 carbon atoms, cyano, alkanoyl having 1 to 13 carbon atoms, aroyl having 7 to 15 carbon atoms, alkylthio having 1 to 12 carbon atoms, alkylsulfinyl having 1 to 12 carbon atoms, or alkylsulfonyl having 1 to 12 carbon atoms,

wherein R<sup>3</sup> and R<sup>4</sup> are not simultaneously both H; and

pharmaceutically acceptable salts thereof.

19. (Currently Amended): A method of treating a patient suffering from memory impairment due to an acute neurodegenerative disorder comprising administering to said patient an effective amount of a compound according to ~~claim 1~~ formula (I):



wherein

R<sup>1</sup> is H;

R<sup>2</sup> is alkyl having 1 to 12 carbon atoms which is branched or unbranched and which is unsubstituted or substituted one or more times by halogen, hydroxy, cyano, C<sub>1-4</sub>-alkoxy, oxo or combinations thereof, and wherein optionally one or more -CH<sub>2</sub>CH<sub>2</sub>- groups is replaced in each case by -CH=CH- or -C≡C-,

cycloalkyl having 3 to 10 carbon atoms which is unsubstituted or substituted one or more times by halogen, hydroxy, oxo, cyano, alkyl having 1 to 4 carbon atoms, alkoxy having 1 to 4 carbon atoms, or combinations thereof,

cycloalkylalkyl having 4 to 16 carbon atoms which is unsubstituted or substituted in the cycloalkyl portion and/or the alkyl portion one or more times by halogen, oxo, cyano, hydroxy, C<sub>1-4</sub>-alkyl, C<sub>1-4</sub>-alkoxy or combinations thereof,

aryl having 6 to 14 carbon atoms, which is unsubstituted or substituted one or more times by halogen, CF<sub>3</sub>, OCF<sub>3</sub>, alkyl having 1 to 12 carbon atoms,

hydroxy, alkoxy having 1 to 12 carbon atoms, nitro, methylenedioxy, ethylenedioxy, cyano, or combinations thereof,

arylalkyl in which the aryl portion has 6 to 14 carbon atoms and the alkyl portion, which is branched or unbranched, has 1 to 5 carbon atoms, which the arylalkyl radical is unsubstituted or is substituted in the aryl portion one or more times by halogen, CF<sub>3</sub>, OCF<sub>3</sub>, alkyl having 1 to 12 carbon atoms, hydroxy, alkoxy having 1 to 12 carbon atoms, nitro, cyano, methylenedioxy, ethylenedioxy, or combinations thereof, and wherein in the alkyl portion one or more -CH<sub>2</sub>CH<sub>2</sub>- groups are each optionally replaced by -CH=CH- or -C≡C-, and one or more -CH<sub>2</sub>- groups are each optionally replaced by -O- or -NH- and/or the alkyl portion is optionally substituted by halogen, oxo, hydroxy, cyano, or combinations thereof,

a partially unsaturated carbocyclic group having 5 to 14 carbon atoms, which is unsubstituted or substituted one or more times by halogen, alkyl having 1 to 12 carbon atoms, alkoxy having 1 to 12 carbon atoms, hydroxy, nitro, cyano, oxo, or combinations thereof,

a heterocyclic group, which is saturated, partially saturated or unsaturated, having 5 to 10 ring atoms in which at least 1 ring atom is a N, O or S atom, which is unsubstituted or substituted one or more times by halogen, hydroxy, aryl, alkyl having 1 to 12 carbon atoms, alkoxy having 1 to 12 carbon atoms, cyano, trifluoromethyl, nitro, oxo, or combinations thereof,  
or

a heterocycle-alkyl group, wherein the heterocyclic portion is saturated, partially saturated or unsaturated, and has 5 to 10 ring atoms in which at least 1 ring atom is a N, O or S atom, and the alkyl portion is branched or unbranched and has 1 to 5 carbon atoms, the heterocycle-alkyl group is unsubstituted or substituted one or more times in the heterocyclic portion by halogen, OCF<sub>3</sub>, hydroxy, aryl, alkyl having 1 to 12 carbon atoms, alkoxy having 1 to 12 carbon atoms, cyano, trifluoromethyl, nitro, oxo, or combinations thereof, wherein in the alkyl portion one or more -CH<sub>2</sub>CH<sub>2</sub>- groups are each optionally replaced by -CH=CH- or -C≡C-, and one or more -CH<sub>2</sub>- groups are each optionally replaced by -O- or -NH- and/or the alkyl portion is optionally substituted by halogen, oxo, hydroxy, cyano, or combinations thereof;

R<sup>3</sup> is H,

alkyl having 1 to 8 carbon atoms, which is branched or unbranched and which is unsubstituted or substituted one or more times with halogen, cyano, C<sub>1-4</sub>-alkoxy, or combinations thereof,

a partially unsaturated carbocycle-alkyl group wherein the carbocyclic portion has 5 to 14 carbon atoms and the alkyl portion which is branched or unbranched has 1 to 5 carbon atoms, and which is unsubstituted or substituted in the carbocyclic portion one or more times by halogen, alkyl having 1 to 12 carbon atoms, alkoxy having 1 to 12 carbon atoms, nitro,



cyano, oxo, or combinations thereof, and the alkyl portion is optionally substituted by halogen, C<sub>1-4</sub>-alkoxy, cyano or combinations thereof,

arylalkyl having 7 to 19 carbon atoms, wherein the aryl portion has 6 to 14 carbon atoms and the alkyl portion, which is branched or unbranched, has 1 to 5 carbon atoms, arylalkyl radical is unsubstituted or substituted, in the aryl portion, one or more times by halogen, trifluoromethyl, CF<sub>3</sub>O, nitro, amino, alkyl having 1 to 12 carbon atoms, alkoxy having 1 to 12 carbon atoms, alkylamino wherein the alkyl group has 1 to 12 carbon atoms, dialkylamino wherein each alkyl group has 1 to 12 carbon atoms and/or substituted in the alkyl portion by halogen, cyano, or methyl, or

heteroarylalkyl group, wherein the heteroaryl portion may be partially or fully saturated and has 5 to 10 ring atoms in which at least 1 ring atom is a N, O or S atom, the alkyl portion, which is branched or unbranched, has 1 to 5 carbon atoms, the heteroarylalkyl group is unsubstituted or substituted one or more times in the heteroaryl portion by halogen, alkyl having 1 to 12 carbon atoms, alkoxy having 1 to 12 carbon atoms, cyano, trifluoromethyl, CF<sub>3</sub>O, nitro, oxo, amino, alkylamino wherein the alkyl group has 1 to 12 carbon atoms, dialkylamino wherein each alkyl group has 1 to 12 carbon atoms, or combinations thereof and/or substituted in the alkyl portion by halogen, cyano, or methyl or combinations thereof;

R<sup>4</sup> is H,

cycloalkyl having 3 to 10 which is unsubstituted or substituted one or more times by halogen, hydroxy, oxo, cyano, alkyl having 1 to 4 carbon atoms, alkoxy having 1 to 4 carbon atoms, or combinations thereof,

aryl having 6 to 14 carbon atoms and which is unsubstituted or substituted one or more times by halogen, alkyl having 1 to 12 carbon atoms, alkenyl having 2 to 12 carbon atoms, alkynyl having 2 to 12 carbon atoms, hydroxy, alkoxy having 1 to 12 carbon atoms, alkoxyalkoxy wherein each alkoxy group has 1 to 12 carbon atoms, nitro, methylenedioxy, ethylenedioxy, trifluoromethyl, OCF<sub>3</sub>, amino, aminoalkyl having 1 to 12 carbon atoms, aminoalkoxy having 1 to 12 carbon atoms, dialkylamino wherein each alkyl group has 1 to 12 carbon atoms, hydroxyalkyl having 1 to 12 carbon atoms, hydroxamic acid, pyrrolyl, tetrazole-5-yl, 2(-heterocycle)tetrazole-5-yl tetrazole-5-yl), hydroxyalkoxy having 1 to 12 carbon atoms, carboxy, alkyl -O-CO- wherein the alkyl portion has 1 to 12 carbon atoms, cyano, alkanoyl having 1 to 13 carbon atoms, aroyl having 7 to 15 carbon atoms, alkylthio having 1 to 12 carbon atoms, alkylsulfinyl having 1 to 12 carbon atoms, alkylsulfonyl having 1 to 12 carbon atoms, phenoxy, trialkylsilyloxy wherein each alkyl group has 1 to 12 carbon atoms, R<sup>5</sup>-L-, or combinations thereof, or

heteroaryl having 5 to 10 ring atoms in which at least 1 ring atom is a heteroatom, which is unsubstituted or substituted one or more times by halogen, alkyl having 1 to 12 carbon atoms, hydroxy, alkoxy having 1 to

12 carbon atoms, alkoxyalkoxy wherein each alkoxy group has 1 to 12 carbon atoms, nitro, methylenedioxy, ethylenedioxy, trifluoromethyl, OCF<sub>3</sub>, amino, aminoalkyl having 1 to 12 carbon atoms, aminoalkoxy having 1 to 12 carbon atoms, dialkylamino wherein each alkyl group has 1 to 12 carbon atoms, hydroxyalkyl having 1 to 12 carbon atoms, hydroxamic acid, tetrazole-5-yl, hydroxyalkoxy having 1 to 12 carbon atoms, carboxy, alkyl -O-CO- wherein the alkyl portion has 1 to 12 carbon atoms, cyano, alkanoyl having 1 to 13 carbon atoms, aroyl having 7 to 15 carbon atoms, alkylthio having 1 to 12 carbon atoms, alkylsulfinyl having 1 to 12 carbon atoms, alkylsulfonyl having 1 to 12 carbon atoms, phenoxy, trialkylsilyloxy wherein each alkyl group has 1 to 12 carbon atoms, R<sup>5</sup>-L-, or combinations thereof;

R<sup>5</sup> is H,

alkyl having 1 to 8 carbon atoms, which is unsubstituted or substituted one or more times with halogen, C<sub>1-4</sub>-alkyl, C<sub>1-4</sub>-alkoxy, oxo, or combinations thereof,

alkylamino or dialkylamino wherein each alkyl portion has independently 1 to 8 carbon atoms,

a partially unsaturated carbocycle-alkyl group wherein the carbocyclic portion has 5 to 14 carbon atoms and the alkyl portion has 1 to 5 carbon atoms, which is unsubstituted or substituted one or more times by halogen,

alkyl having 1 to 12 carbon atoms, alkoxy having 1 to 12 carbon atoms, nitro, cyano, oxo, or combinations thereof,

cycloalkyl having 3 to 10 carbon atoms, which is unsubstituted or substituted one or more times by halogen, hydroxy, oxo, cyano, alkoxy having 1 to 12 carbon atoms, alkyl having 1 to 4 carbon atoms, or combinations thereof,

cycloalkylalkyl having 4 to 16 carbon atoms, which is unsubstituted or substituted in the cycloalkyl portion and/or the alkyl portion one or more times by halogen, oxo, cyano, hydroxy, alkyl having 1 to 12 carbon atoms, alkoxy having 1 to 12 carbon atoms or combinations thereof,

aryl having 6 to 14 carbon atoms and which is unsubstituted or substituted one or more times by halogen, alkyl having 1 to 12 carbon atoms, hydroxy, alkoxy having 1 to 12 carbon atoms, alkoxyalkoxy wherein each alkoxy group has 1 to 12 carbon atoms, nitro, methylenedioxy, ethylenedioxy, trifluoromethyl, amino, aminomethyl, aminoalkyl having 1 to 12 carbon atoms, aminoalkoxy having 1 to 12 carbon atoms, dialkylamino wherein each alkyl group has 1 to 12 carbon atoms, hydroxyalkyl having 1 to 12 carbon atoms, hydroxamic acid, tetrazole-5-yl, hydroxyalkoxy having 1 to 12 carbon atoms, carboxy, alkyl -O-CO- wherein the alkyl portion has 1 to 12 carbon atoms, cyano, alkanoyl having 1 to 13 carbon atoms, aroyl having 7 to 15 carbon atoms, alkylthio having 1 to 12 carbon atoms, alkylsulfinyl having 1 to 12 carbon atoms,

alkylsulfonyl having 1 to 12 carbon atoms, phenoxy, cycloalkyl having 3 to 10 carbon atoms, aryl having 6 to 14 carbon atoms which is substituted unsubstituted, heteroaryl having one or two rings and a total number of 5 to 10 ring atoms wherein at least one of the ring atoms is a heteroatom and which is substituted unsubstituted, or combinations thereof,

arylalkyl having 7 to 19 carbon atoms, wherein the aryl portion has 6 to 14 carbon atoms and the alkyl portion, which is branched or unbranched, has 1 to 5 carbon atoms, arylalkyl radical is unsubstituted or substituted, in the aryl portion, one or more times by halogen, trifluoromethyl, CF<sub>3</sub>O, nitro, amino, alkyl having 1 to 12 carbon atoms, alkoxy having 1 to 12 carbon atoms, amino, alkylamino having 1 to 12 carbon atoms, dialkylamino wherein each alkyl group has 1 to 12 carbon atoms and/or substituted in the alkyl portion by halogen, cyano, or methyl,

a heterocyclic group, which is saturated, partially saturated or unsaturated, having 5 to 10 ring atoms in which at least 1 ring atom is a N, O or S atom, which is unsubstituted or substituted one or more times by halogen, alkyl having 1 to 12 carbon atoms, hydroxy, alkoxy having 1 to 12 carbon atoms, alkoxyalkoxy wherein each alkoxy group has 1 to 12 carbon atoms, nitro, methylenedioxy, ethylenedioxy, trifluoromethyl, amino, aminomethyl, aminoalkyl having 1 to 12 carbon atoms, aminoalkoxy having 1 to 12 carbon atoms, dialkylamino wherein each alkyl group has 1 to 12 carbon atoms, hydroxyalkyl having 1 to 12 carbon atoms,

hydroxamic acid, tetrazole-5-yl, hydroxyalkoxy having 1 to 12 carbon atoms, carboxy, alkyl -O-CO- wherein the alkyl portion has 1 to 12 carbon atoms, cyano, alkanoyl having 1 to 13 carbon atoms, aroyl having 7 to 15 carbon atoms, alkylthio having 1 to 12 carbon atoms, alkylsulfinyl having 1 to 12 carbon atoms, alkylsulfonyl having 1 to 12 carbon atoms, phenoxy, or combinations thereof, or

a heterocycle-alkyl group, wherein the heterocyclic portion is saturated, partially saturated or unsaturated, and has 5 to 10 ring atoms in which at least 1 ring atom is a N, O or S atom, and the alkyl portion which is branched or unbranched and has 1 to 5 carbon atoms, the heterocycle-alkyl group is unsubstituted or substituted one or more times in the heterocyclic portion by halogen, alkyl having 1 to 12 carbon atoms, alkoxy having 1 to 12 carbon atoms, cyano, trifluoromethyl, CF<sub>3</sub>O, nitro, oxo, amino, alkylamino having 1 to 12 carbon atoms, dialkylamino wherein each alkyl group has 1 to 12 carbon atoms, or combinations thereof and/or substituted in the alkyl portion by halogen, cyano, or methyl or combinations thereof;

L is a single bond or a divalent aliphatic radical having 1 to 8 carbon atoms wherein one or more -CH<sub>2</sub>- groups are each optionally replaced by -O-, -S-, -NR<sup>6</sup>-, -SO<sub>2</sub>NH-, -NHSO<sub>2</sub>-, -SO<sub>2</sub>NR<sup>6</sup>-, -NR<sup>6</sup>SO<sub>2</sub>-, -CO-, -NR<sup>6</sup>CO-, -CONR<sup>6</sup>-, -NHCONH-, -OCONH-, -NHCOO-, -SCONH-, -SCSNH-, or -NHCSNH-; and

R<sup>6</sup> is H,

alkyl having 1 to 8 which is branched or unbranched and which is unsubstituted or substituted one or more times with halogen, C<sub>1-4</sub>-alkyl, C<sub>1-4</sub>-alkoxy, oxo, or combinations thereof;

arylalkyl having 7 to 19 carbon atoms, wherein the aryl portion has 6 to 14 carbon atoms and the alkyl portion, which is branched or unbranched, has 1 to 5 carbon atoms, arylalkyl radical is unsubstituted or substituted, in the aryl portion, one or more times by halogen, trifluoromethyl, CF<sub>3</sub>O, nitro, amino, alkyl having 1 to 12 carbon atoms, alkoxy having 1 to 12 carbon atoms, alkylamino having 1 to 12 carbon atoms, dialkylamino wherein each alkyl group has 1 to 12 carbon atoms, and/or substituted in the alkyl portion by halogen, cyano, or methyl;

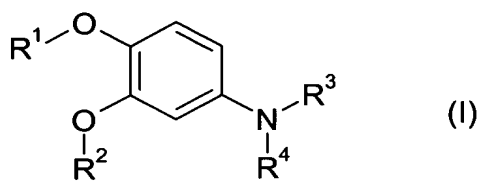
aryl having 6 to 14 carbon atoms and which is unsubstituted or substituted one or more times by halogen, alkyl having 1 to 12 carbon atoms, hydroxy, alkoxy having 1 to 12 carbon atoms, alkoxyalkoxy wherein each alkoxy group has 1 to 12 carbon atoms, nitro, methylenedioxy, ethylenedioxy, trifluoromethyl, amino, aminomethyl, aminoalkyl having 1 to 12 carbon atoms, aminoalkoxy having 1 to 12 carbon atoms, dialkylamino wherein each alkyl group has 1 to 12 carbon atoms, hydroxyalkyl having 1 to 12 carbon atoms, hydroxamic acid, tetrazole-5-yl, hydroxyalkoxy having 1 to 12 carbon atoms, carboxy, alkyl -O-CO- wherein the alkyl portion has 1 to 12 carbon atoms, cyano, alkanoyl having 1 to 13 carbon atoms, aroyl having 7 to 15 carbon atoms, alkylthio

having 1 to 12 carbon atoms, alkylsulfinyl having 1 to 12 carbon atoms, or  
alkylsulfonyl having 1 to 12 carbon atoms,

wherein R<sup>3</sup> and R<sup>4</sup> are not simultaneously both H; and

pharmaceutically acceptable salts thereof.

20. (Currently Amended): A method of treating a patient suffering from an allergic or inflammatory disease comprising administering to said patient an effective amount of a compound according to ~~claim 1~~ formula (I):



wherein

R<sup>1</sup> is H;

R<sup>2</sup> is alkyl having 1 to 12 carbon atoms which is branched or unbranched and  
which is unsubstituted or substituted one or more times by halogen,  
hydroxy, cyano, C<sub>1-4</sub>-alkoxy, oxo or combinations thereof, and wherein  
optionally one or more -CH<sub>2</sub>CH<sub>2</sub>- groups is replaced in each case by  
-CH=CH- or -C≡C-,



cycloalkyl having 3 to 10 carbon atoms which is unsubstituted or substituted one or more times by halogen, hydroxy, oxo, cyano, alkyl having 1 to 4 carbon atoms, alkoxy having 1 to 4 carbon atoms, or combinations thereof,

cycloalkylalkyl having 4 to 16 carbon atoms which is unsubstituted or substituted in the cycloalkyl portion and/or the alkyl portion one or more times by halogen, oxo, cyano, hydroxy, C<sub>1-4</sub>-alkyl, C<sub>1-4</sub>-alkoxy or combinations thereof,

aryl having 6 to 14 carbon atoms, which is unsubstituted or substituted one or more times by halogen, CF<sub>3</sub>, OCF<sub>3</sub>, alkyl having 1 to 12 carbon atoms, hydroxy, alkoxy having 1 to 12 carbon atoms, nitro, methylenedioxy, ethylenedioxy, cyano, or combinations thereof,

arylalkyl in which the aryl portion has 6 to 14 carbon atoms and the alkyl portion, which is branched or unbranched, has 1 to 5 carbon atoms, which the arylalkyl radical is unsubstituted or is substituted in the aryl portion one or more times by halogen, CF<sub>3</sub>, OCF<sub>3</sub>, alkyl having 1 to 12 carbon atoms, hydroxy, alkoxy having 1 to 12 carbon atoms, nitro, cyano, methylenedioxy, ethylenedioxy, or combinations thereof, and wherein in the alkyl portion one or more -CH<sub>2</sub>CH<sub>2</sub>- groups are each optionally replaced by -CH=CH- or -C≡C-, and one or more -CH<sub>2</sub>- groups are each optionally replaced by -O- or -NH- and/or the alkyl portion is optionally substituted by halogen, oxo, hydroxy, cyano, or combinations thereof,

a partially unsaturated carbocyclic group having 5 to 14 carbon atoms, which is unsubstituted or substituted one or more times by halogen, alkyl having 1 to 12 carbon atoms, alkoxy having 1 to 12 carbon atoms, hydroxy, nitro, cyano, oxo, or combinations thereof,

a heterocyclic group, which is saturated, partially saturated or unsaturated, having 5 to 10 ring atoms in which at least 1 ring atom is a N, O or S atom, which is unsubstituted or substituted one or more times by halogen, hydroxy, aryl, alkyl having 1 to 12 carbon atoms, alkoxy having 1 to 12 carbon atoms, cyano, trifluoromethyl, nitro, oxo, or combinations thereof,  
or

a heterocycle-alkyl group, wherein the heterocyclic portion is saturated, partially saturated or unsaturated, and has 5 to 10 ring atoms in which at least 1 ring atom is a N, O or S atom, and the alkyl portion is branched or unbranched and has 1 to 5 carbon atoms, the heterocycle-alkyl group is unsubstituted or substituted one or more times in the heterocyclic portion by halogen, OCF<sub>3</sub>, hydroxy, aryl, alkyl having 1 to 12 carbon atoms, alkoxy having 1 to 12 carbon atoms, cyano, trifluoromethyl, nitro, oxo, or combinations thereof, wherein in the alkyl portion one or more -CH<sub>2</sub>CH<sub>2</sub>- groups are each optionally replaced by -CH=CH- or -C≡C-, and one or more -CH<sub>2</sub>- groups are each optionally replaced by -O- or -NH- and/or the alkyl portion is optionally substituted by halogen, oxo, hydroxy, cyano, or combinations thereof;

R<sup>3</sup> is H,

alkyl having 1 to 8 carbon atoms, which is branched or unbranched and which is unsubstituted or substituted one or more times with halogen, cyano, C<sub>1-4</sub>-alkoxy, or combinations thereof,

a partially unsaturated carbocycle-alkyl group wherein the carbocyclic portion has 5 to 14 carbon atoms and the alkyl portion which is branched or unbranched has 1 to 5 carbon atoms, and which is unsubstituted or substituted in the carbocyclic portion one or more times by halogen, alkyl having 1 to 12 carbon atoms, alkoxy having 1 to 12 carbon atoms, nitro, cyano, oxo, or combinations thereof, and the alkyl portion is optionally substituted by halogen, C<sub>1-4</sub>-alkoxy, cyano or combinations thereof,

arylalkyl having 7 to 19 carbon atoms, wherein the aryl portion has 6 to 14 carbon atoms and the alkyl portion, which is branched or unbranched, has 1 to 5 carbon atoms, arylalkyl radical is unsubstituted or substituted, in the aryl portion, one or more times by halogen, trifluoromethyl, CF<sub>3</sub>O, nitro, amino, alkyl having 1 to 12 carbon atoms, alkoxy having 1 to 12 carbon atoms, alkylamino wherein the alkyl group has 1 to 12 carbon atoms, dialkylamino wherein each alkyl group has 1 to 12 carbon atoms and/or substituted in the alkyl portion by halogen, cyano, or methyl, or

heteroarylalkyl group, wherein the heteroaryl portion may be partially or fully saturated and has 5 to 10 ring atoms in which at least 1 ring atom is a

N, O or S atom, the alkyl portion, which is branched or unbranched, has 1 to 5 carbon atoms, the heteroarylalkyl group is unsubstituted or substituted one or more times in the heteroaryl portion by halogen, alkyl having 1 to 12 carbon atoms, alkoxy having 1 to 12 carbon atoms, cyano, trifluoromethyl, CF<sub>3</sub>O, nitro, oxo, amino, alkylamino wherein the alkyl group has 1 to 12 carbon atoms, dialkylamino wherein each alkyl group has 1 to 12 carbon atoms, or combinations thereof and/or substituted in the alkyl portion by halogen, cyano, or methyl or combinations thereof;

R<sup>4</sup> is H,

cycloalkyl having 3 to 10 which is unsubstituted or substituted one or more times by halogen, hydroxy, oxo, cyano, alkyl having 1 to 4 carbon atoms, alkoxy having 1 to 4 carbon atoms, or combinations thereof,

aryl having 6 to 14 carbon atoms and which is unsubstituted or substituted one or more times by halogen, alkyl having 1 to 12 carbon atoms, alkenyl having 2 to 12 carbon atoms, alkynyl having 2 to 12 carbon atoms, hydroxy, alkoxy having 1 to 12 carbon atoms, alkoxyalkoxy wherein each alkoxy group has 1 to 12 carbon atoms, nitro, methylenedioxy, ethylenedioxy, trifluoromethyl, OCF<sub>3</sub>, amino, aminoalkyl having 1 to 12 carbon atoms, aminoalkoxy having 1 to 12 carbon atoms, dialkylamino wherein each alkyl group has 1 to 12 carbon atoms, hydroxyalkyl having 1 to 12 carbon atoms, hydroxamic acid, pyrrolyl, tetrazole-5-yl, 2(-heterocycle)tetrazole-5-yl tetrazole-5-yl), hydroxyalkoxy having 1 to 12

carbon atoms, carboxy, alkyl -O-CO- wherein the alkyl portion has 1 to 12 carbon atoms, cyano, alkanoyl having 1 to 13 carbon atoms, aroyl having 7 to 15 carbon atoms, alkylthio having 1 to 12 carbon atoms, alkylsulfinyl having 1 to 12 carbon atoms, alkylsulfonyl having 1 to 12 carbon atoms, phenoxy, trialkylsilyloxy wherein each alkyl group has 1 to 12 carbon atoms, R<sup>5</sup>-L-, or combinations thereof, or

heteroaryl having 5 to 10 ring atoms in which at least 1 ring atom is a heteroatom, which is unsubstituted or substituted one or more times by halogen, alkyl having 1 to 12 carbon atoms, hydroxy, alkoxy having 1 to 12 carbon atoms, alkoxyalkoxy wherein each alkoxy group has 1 to 12 carbon atoms, nitro, methylenedioxy, ethylenedioxy, trifluoromethyl, OCF<sub>3</sub>, amino, aminoalkyl having 1 to 12 carbon atoms, aminoalkoxy having 1 to 12 carbon atoms, dialkylamino wherein each alkyl group has 1 to 12 carbon atoms, hydroxyalkyl having 1 to 12 carbon atoms, hydroxamic acid, tetrazole-5-yl, hydroxyalkoxy having 1 to 12 carbon atoms, carboxy, alkyl -O-CO- wherein the alkyl portion has 1 to 12 carbon atoms, cyano, alkanoyl having 1 to 13 carbon atoms, aroyl having 7 to 15 carbon atoms, alkylthio having 1 to 12 carbon atoms, alkylsulfinyl having 1 to 12 carbon atoms, alkylsulfonyl having 1 to 12 carbon atoms, phenoxy, trialkylsilyloxy wherein each alkyl group has 1 to 12 carbon atoms, R<sup>5</sup>-L-, or combinations thereof;

R<sup>5</sup> is H,

alkyl having 1 to 8 carbon atoms, which is unsubstituted or substituted one or more times with halogen, C<sub>1-4</sub>-alkyl, C<sub>1-4</sub>-alkoxy, oxo, or combinations thereof,

alkylamino or dialkylamino wherein each alkyl portion has independently 1 to 8 carbon atoms,

a partially unsaturated carbocycle-alkyl group wherein the carbocyclic portion has 5 to 14 carbon atoms and the alkyl portion has 1 to 5 carbon atoms, which is unsubstituted or substituted one or more times by halogen, alkyl having 1 to 12 carbon atoms, alkoxy having 1 to 12 carbon atoms, nitro, cyano, oxo, or combinations thereof,

cycloalkyl having 3 to 10 carbon atoms, which is unsubstituted or substituted one or more times by halogen, hydroxy, oxo, cyano, alkoxy having 1 to 12 carbon atoms, alkyl having 1 to 4 carbon atoms, or combinations thereof,

cycloalkylalkyl having 4 to 16 carbon atoms, which is unsubstituted or substituted in the cycloalkyl portion and/or the alkyl portion one or more times by halogen, oxo, cyano, hydroxy, alkyl having 1 to 12 carbon atoms, alkoxy having 1 to 12 carbon atoms or combinations thereof,

aryl having 6 to 14 carbon atoms and which is unsubstituted or substituted one or more times by halogen, alkyl having 1 to 12 carbon atoms,

hydroxy, alkoxy having 1 to 12 carbon atoms, alkoxyalkoxy wherein each alkoxy group has 1 to 12 carbon atoms, nitro, methylenedioxy, ethylenedioxy, trifluoromethyl, amino, aminomethyl, aminoalkyl having 1 to 12 carbon atoms, aminoalkoxy having 1 to 12 carbon atoms, dialkylamino wherein each alkyl group has 1 to 12 carbon atoms, hydroxyalkyl having 1 to 12 carbon atoms, hydroxamic acid, tetrazole-5-yl, hydroxyalkoxy having 1 to 12 carbon atoms, carboxy, alkyl -O-CO- wherein the alkyl portion has 1 to 12 carbon atoms, cyano, alkanoyl having 1 to 13 carbon atoms, aroyl having 7 to 15 carbon atoms, alkylthio having 1 to 12 carbon atoms, alkylsulfinyl having 1 to 12 carbon atoms, alkylsulfonyl having 1 to 12 carbon atoms, phenoxy, cycloalkyl having 3 to 10 carbon atoms, aryl having 6 to 14 carbon atoms which is substituted unsubstituted, heteroaryl having one or two rings and a total number of 5 to 10 ring atoms wherein at least one of the ring atoms is a heteroatom and which is substituted unsubstituted, or combinations thereof,

arylalkyl having 7 to 19 carbon atoms, wherein the aryl portion has 6 to 14 carbon atoms and the alkyl portion, which is branched or unbranched, has 1 to 5 carbon atoms, arylalkyl radical is unsubstituted or substituted, in the aryl portion, one or more times by halogen, trifluoromethyl, CF<sub>3</sub>O, nitro, amino, alkyl having 1 to 12 carbon atoms, alkoxy having 1 to 12 carbon atoms, amino, alkylamino having 1 to 12 carbon atoms, dialkylamino wherein each alkyl group has 1 to 12 carbon atoms and/or substituted in the alkyl portion by halogen, cyano, or methyl,

a heterocyclic group, which is saturated, partially saturated or unsaturated, having 5 to 10 ring atoms in which at least 1 ring atom is a N, O or S atom, which is unsubstituted or substituted one or more times by halogen, alkyl having 1 to 12 carbon atoms, hydroxy, alkoxy having 1 to 12 carbon atoms, alkoxyalkoxy wherein each alkoxy group has 1 to 12 carbon atoms, nitro, methylenedioxy, ethylenedioxy, trifluoromethyl, amino, aminomethyl, aminoalkyl having 1 to 12 carbon atoms, aminoalkoxy having 1 to 12 carbon atoms, dialkylamino wherein each alkyl group has 1 to 12 carbon atoms, hydroxyalkyl having 1 to 12 carbon atoms, hydroxamic acid, tetrazole-5-yl, hydroxyalkoxy having 1 to 12 carbon atoms, carboxy, alkyl -O-CO- wherein the alkyl portion has 1 to 12 carbon atoms, cyano, alkanoyl having 1 to 13 carbon atoms, aroyl having 7 to 15 carbon atoms, alkylthio having 1 to 12 carbon atoms, alkylsulfinyl having 1 to 12 carbon atoms, alkylsulfonyl having 1 to 12 carbon atoms, phenoxy, or combinations thereof, or

a heterocycle-alkyl group, wherein the heterocyclic portion is saturated, partially saturated or unsaturated, and has 5 to 10 ring atoms in which at least 1 ring atom is a N, O or S atom, and the alkyl portion which is branched or unbranched and has 1 to 5 carbon atoms, the heterocycle-alkyl group is unsubstituted or substituted one or more times in the heterocyclic portion by halogen, alkyl having 1 to 12 carbon atoms, alkoxy having 1 to 12 carbon atoms, cyano, trifluoromethyl, CF<sub>3</sub>O, nitro, oxo, amino, alkylamino having 1 to 12 carbon atoms, dialkylamino wherein each alkyl



group has 1 to 12 carbon atoms, or combinations thereof and/or substituted in the alkyl portion by halogen, cyano, or methyl or combinations thereof;

L is a single bond or a divalent aliphatic radical having 1 to 8 carbon atoms wherein one or more -CH<sub>2</sub>- groups are each optionally replaced by -O-, -S-, -NR<sup>6</sup>-, -SO<sub>2</sub>NH-, -NHSO<sub>2</sub>-, -SO<sub>2</sub>NR<sup>6</sup>-, -NR<sup>6</sup>SO<sub>2</sub>-, -CO-, -NR<sup>6</sup>CO-, -CONR<sup>6</sup>-, -NHCONH-, -OCONH-, -NHCOO-, -SCONH-, -SCSNH-, or -NHCSNH-; and

R<sup>6</sup> is H,

alkyl having 1 to 8 which is branched or unbranched and which is unsubstituted or substituted one or more times with halogen, C<sub>1-4</sub>-alkyl, C<sub>1-4</sub>-alkoxy, oxo, or combinations thereof;

arylalkyl having 7 to 19 carbon atoms, wherein the aryl portion has 6 to 14 carbon atoms and the alkyl portion, which is branched or unbranched, has 1 to 5 carbon atoms, arylalkyl radical is unsubstituted or substituted, in the aryl portion, one or more times by halogen, trifluoromethyl, CF<sub>3</sub>O, nitro, amino, alkyl having 1 to 12 carbon atoms, alkoxy having 1 to 12 carbon atoms, alkylamino having 1 to 12 carbon atoms, dialkylamino wherein each alkyl group has 1 to 12 carbon atoms, and/or substituted in the alkyl portion by halogen, cyano, or methyl;

aryl having 6 to 14 carbon atoms and which is unsubstituted or substituted one or more times by halogen, alkyl having 1 to 12 carbon atoms, hydroxy, alkoxy having 1 to 12 carbon atoms, alkoxyalkoxy wherein each alkoxy group has 1 to 12 carbon atoms, nitro, methylenedioxy, ethylenedioxy, trifluoromethyl, amino, aminomethyl, aminoalkyl having 1 to 12 carbon atoms, aminoalkoxy having 1 to 12 carbon atoms, dialkylamino wherein each alkyl group has 1 to 12 carbon atoms, hydroxyalkyl having 1 to 12 carbon atoms, hydroxamic acid, tetrazole-5-yl, hydroxyalkoxy having 1 to 12 carbon atoms, carboxy, alkyl -O-CO- wherein the alkyl portion has 1 to 12 carbon atoms, cyano, alkanoyl having 1 to 13 carbon atoms, aroyl having 7 to 15 carbon atoms, alkylthio having 1 to 12 carbon atoms, alkylsulfinyl having 1 to 12 carbon atoms, or alkylsulfonyl having 1 to 12 carbon atoms,

wherein R<sup>3</sup> and R<sup>4</sup> are not simultaneously both H; and

pharmaceutically acceptable salts thereof.

21. (Cancelled):

22. (Cancelled):

23. (Original): A method for enhancing cognition in a patient in whom such enhancement is desired comprising administering to said patient an effective amount of a compound according to claim 2.

24. (Original): A method according to claim 23, wherein said compound is administered in an amount of 0.01-100 mg/kg of body weight/day.

25. (Original): A method according to claim 23, wherein said patient is a human.

26. (Original): A method of treating a patient suffering from cognition impairment or decline comprising administering to said patient an effective amount of a compound according to claim 2.

27. (Original): A method according to claim 26, wherein said patient is a human.

28. (Original): A method according to claim 27, wherein said patient is suffering from memory impairment.

29. (Original): A method according to claim 28, wherein said compound is administered in an amount of 0.01-100 mg/kg of body weight/day.

30. (Original): A method according to claim 28, wherein said patient is suffering from memory impairment due to Alzheimer's disease, schizophrenia, Parkinson's disease, Huntington's disease, Pick's disease, Creutzfeld-Jakob disease, depression, aging, head trauma, stroke, CNS hypoxia, cerebral senility, multiinfarct dementia, HIV or cardiovascular disease.

31. (Original): A method for treating a patient having a disease involving decreased cAMP levels comprising administering to said patient an effective amount of a compound according to claim 2.

32. (Original): A method of inhibiting PDE4 enzyme activity in a patient comprising administering to said patient an effective amount of a compound according to claim 2.

33. (Original): A method of treating a patient suffering from memory impairment due to a neurodegenerative disease comprising administering to said patient an effective amount of a compound according to claim 2.

34. (Original): A method of treating a patient suffering from memory impairment due to an acute neurodegenerative disorder comprising administering to said patient an effective amount of a compound according to claim 2.

35. (Original): A method of treating a patient suffering from an allergic or inflammatory disease comprising administering to said patient an effective amount of a compound according to claim 2.

36. (Original): A pharmaceutical composition comprising a compound according to claim 2 and a pharmaceutically acceptable carrier.

37. (Original): A composition according to claim 36, wherein said composition contains 0.1-50 mg of said compound.

38. (Original): A method for enhancing cognition in a patient in whom such enhancement is desired comprising administering to said patient an effective amount of a compound according to claim 3.

39. (Original): A method according to claim 38, wherein said compound is administered in an amount of 0.01-100 mg/kg of body weight/day.

40. (Original): A method according to claim 38, wherein said patient is a human.

41. (Original): A method of treating a patient suffering from cognition impairment or decline comprising administering to said patient an effective amount of a compound according to claim 3.

42. (Original): A method according to claim 41, wherein said patient is a human.

43. (Original): A method according to claim 42, wherein said patient is suffering from memory impairment.

44. (Original): A method according to claim 41, wherein said compound is administered in an amount of 0.01-100 mg/kg of body weight/day.

45. (Original): A method according to claim 43, wherein said patient is suffering from memory impairment due to Alzheimer's disease, schizophrenia, Parkinson's disease, Huntington's disease, Pick's disease, Creutzfeld-Jakob disease, depression, aging, head trauma, stroke, CNS hypoxia, cerebral senility, multiinfarct dementia, HIV or cardiovascular disease.

46. (Original): A method for treating a patient having a disease involving decreased cAMP levels comprising administering to said patient an effective amount of a compound according to claim 3.

47. (Original): A method of inhibiting PDE4 enzyme activity in a patient comprising administering to said patient an effective amount of a compound according to claim 3.

48. (Original): A method of treating a patient suffering from memory impairment due to a neurodegenerative disease comprising administering to said patient an effective amount of a compound according to claim 3.

49. (Original): A method of treating a patient suffering from memory impairment due to an acute neurodegenerative disorder comprising administering to said patient an effective amount of a compound according to claim 3.

50. (Original): A method of treating a patient suffering from an allergic or inflammatory disease comprising administering to said patient an effective amount of a compound according to claim 3.

51. (Original): A pharmaceutical composition comprising a compound according to claim 3 and a pharmaceutically acceptable carrier.

52. (Original): A composition according to claim 51, wherein said composition contains 0.1-50 mg of said compound.

53. (Original): A method for enhancing cognition in a patient in whom such enhancement is desired comprising administering to said patient an effective amount of a compound according to claim 4.

54. (Original): A method according to claim 53, wherein said compound is administered in an amount of 0.01-100 mg/kg of body weight/day.

55. (Original): A method according to claim 53, wherein said patient is a human.

56. (Original): A method of treating a patient suffering from cognition impairment or decline comprising administering to said patient an effective amount of a compound according to claim 4.

57. (Original): A method according to claim 56, wherein said patient is a human.

58. (Original): A method according to claim 57, wherein said patient is suffering from memory impairment.

59. (Original): A method according to claim 56, wherein said compound is administered in an amount of 0.01-100 mg/kg of body weight/day.



60. (Original): A method according to claim 58, wherein said patient is suffering from memory impairment due to Alzheimer's disease, schizophrenia, Parkinson's disease, Huntington's disease, Pick's disease, Creutzfeld-Jakob disease, depression, aging, head trauma, stroke, CNS hypoxia, cerebral senility, multiinfarct dementia, HIV or cardiovascular disease.

61. (Original): A method for treating a patient having a disease involving decreased cAMP levels comprising administering to said patient an effective amount of a compound according to claim 4.

62. (Original): A method of inhibiting PDE4 enzyme activity in a patient comprising administering to said patient an effective amount of a compound according to claim 4.

63. (Original): A method of treating a patient suffering from memory impairment due to a neurodegenerative disease comprising administering to said patient an effective amount of a compound according to claim 4.

64. (Original): A method of treating a patient suffering from memory impairment due to an acute neurodegenerative disorder comprising administering to said patient an effective amount of a compound according to claim 4.

65. (Original): A method of treating a patient suffering from an allergic or inflammatory disease comprising administering to said patient an effective amount of a compound according to claim 4.

66. (Original): A pharmaceutical composition comprising a compound according to claim 4 and a pharmaceutically acceptable carrier.

67. (Original): A composition according to claim 66, wherein said composition contains 0.1-50 mg of said compound.

68. (Original): A method for enhancing cognition in a patient in whom such enhancement is desired comprising administering to said patient an effective amount of a compound according to claim 5.

69. (Original): A method according to claim 68, wherein said compound is administered in an amount of 0.01-100 mg/kg of body weight/day.

70. (Original): A method according to claim 68, wherein said patient is a human.

71. (Original): A method of treating a patient suffering from cognition impairment or decline comprising administering to said patient an effective amount of a compound according to claim 5.

72. (Original): A method according to claim 71, wherein said patient is a human.

73. (Original): A method according to claim 72, wherein said patient is suffering from memory impairment.

74. (Original): A method according to claim 71, wherein said compound is administered in an amount of 0.01-100 mg/kg of body weight/day.

75. (Original): A method according to claim 73, wherein said patient is suffering from memory impairment due to Alzheimer's disease, schizophrenia, Parkinson's disease, Huntington's disease, Pick's disease, Creutzfeld-Jakob disease, depression, aging, head trauma, stroke, CNS hypoxia, cerebral senility, multiinfarct dementia, HIV or cardiovascular disease.

76. (Original): A method for treating a patient having a disease involving decreased cAMP levels comprising administering to said patient an effective amount of a compound according to claim 5.

77. (Original): A method of inhibiting PDE4 enzyme activity in a patient comprising administering to said patient an effective amount of a compound according to claim 5.

78. (Original): A method of treating a patient suffering from memory impairment due to a neurodegenerative disease comprising administering to said patient an effective amount of a compound according to claim 5.

79. (Original): A method of treating a patient suffering from memory impairment due to an acute neurodegenerative disorder comprising administering to said patient an effective amount of a compound according to claim 5.

80. (Original): A method of treating a patient suffering from an allergic or inflammatory disease comprising administering to said patient an effective amount of a compound according to claim 5.

81. (Original): A pharmaceutical composition comprising a compound according to claim 5 and a pharmaceutically acceptable carrier.

82. (Original): A composition according to claim 81, wherein said composition contains 0.1-50 mg of said compound.

83. (Original): A method for enhancing cognition in a patient in whom such enhancement is desired comprising administering to said patient an effective amount of a compound according to claim 6.

84. (Original): A method according to claim 83, wherein said compound is administered in an amount of 0.01-100 mg/kg of body weight/day.

85. (Original): A method according to claim 83, wherein said patient is a human.

86. (Original): A method of treating a patient suffering from cognition impairment or decline comprising administering to said patient an effective amount of a compound according to claim 6.

87. (Original): A method according to claim 86, wherein said patient is a human.

88. (Original): A method according to claim 87, wherein said patient is suffering from memory impairment.

89. (Original): A method according to claim 86, wherein said compound is administered in an amount of 0.01-100 mg/kg of body weight/day.

90. (Original): A method according to claim 89, wherein said patient is suffering from memory impairment due to Alzheimer's disease, schizophrenia, Parkinson's disease, Huntington's disease, Pick's disease, Creutzfeld-Jakob disease, depression, aging, head trauma, stroke, CNS hypoxia, cerebral senility, multiinfarct dementia, HIV or cardiovascular disease.

91. (Original): A method for treating a patient having a disease involving decreased cAMP levels comprising administering to said patient an effective amount of a compound according to claim 6.

92. (Original): A method of inhibiting PDE4 enzyme activity in a patient comprising administering to said patient an effective amount of a compound according to claim 6.

93. (Original): A method of treating a patient suffering from memory impairment due to a neurodegenerative disease comprising administering to said patient an effective amount of a compound according to claim 6.

94. (Original): A method of treating a patient suffering from memory impairment due to an acute neurodegenerative disorder comprising administering to said patient an effective amount of a compound according to claim 6.

95. (Original): A method of treating a patient suffering from an allergic or inflammatory disease comprising administering to said patient an effective amount of a compound according to claim 6.

96. (Original): A pharmaceutical composition comprising a compound according to claim 6 and a pharmaceutically acceptable carrier.

97. (Original): A composition according to claim 96, wherein said composition contains 0.1-50 mg of said compound.

98. (Original): A method for enhancing cognition in a patient in whom such enhancement is desired comprising administering to said patient an effective amount of a compound according to claim 7.

99. (Original): A method according to claim 98, wherein said compound is administered in an amount of 0.01-100 mg/kg of body weight/day.

100. (Original): A method according to claim 98, wherein said patient is a human.

101. (Original): A method of treating a patient suffering from cognition impairment or decline comprising administering to said patient an effective amount of a compound according to claim 7.

102. (Original): A method according to claim 101, wherein said patient is a human.

103. (Original): A method according to claim 102, wherein said patient is suffering from memory impairment.

104. (Original): A method according to claim 101, wherein said compound is administered in an amount of 0.01-100 mg/kg of body weight/day.

105. (Original): A method according to claim 103, wherein said patient is suffering from memory impairment due to Alzheimer's disease, schizophrenia, Parkinson's disease, Huntington's disease, Pick's disease, Creutzfeld-Jakob disease, depression, aging, head trauma, stroke, CNS hypoxia, cerebral senility, multiinfarct dementia, HIV or cardiovascular disease.

106. (Original): A method for treating a patient having a disease involving decreased cAMP levels comprising administering to said patient an effective amount of a compound according to claim 7.



107. (Original): A method of inhibiting PDE4 enzyme activity in a patient comprising administering to said patient an effective amount of a compound according to claim 7.

108. (Original): A method of treating a patient suffering from memory impairment due to a neurodegenerative disease comprising administering to said patient an effective amount of a compound according to claim 7.

109. (Original): A method of treating a patient suffering from memory impairment due to an acute neurodegenerative disorder comprising administering to said patient an effective amount of a compound according to claim 7.

110. (Original): A method of treating a patient suffering from an allergic or inflammatory disease comprising administering to said patient an effective amount of a compound according to claim 7.

111. (Original): A pharmaceutical composition comprising a compound according to claim 7 and a pharmaceutically acceptable carrier.

112. (Original): A composition according to claim 111, wherein said composition contains 0.1-50 mg of said compound.

113. (Original): An intermediate compound which is N-(3-hydroxy-4-methoxyphenyl)-N-(3-pyridylmethyl)-3-aminobenzoic acid.